

FIG. -1A-

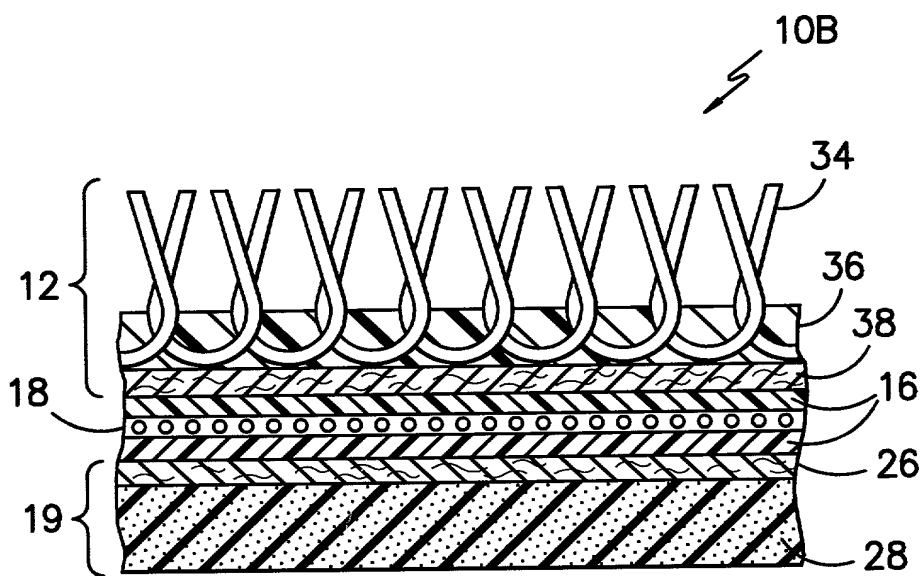


FIG. -1B-

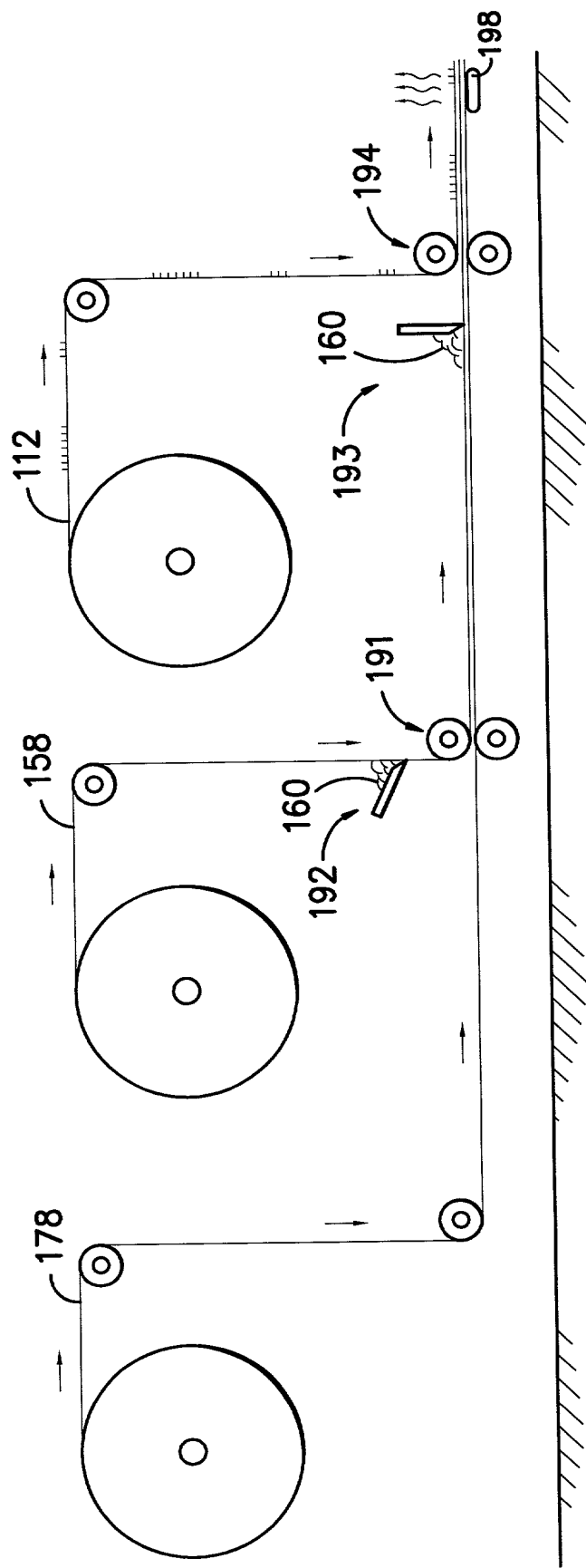


FIG. -2-

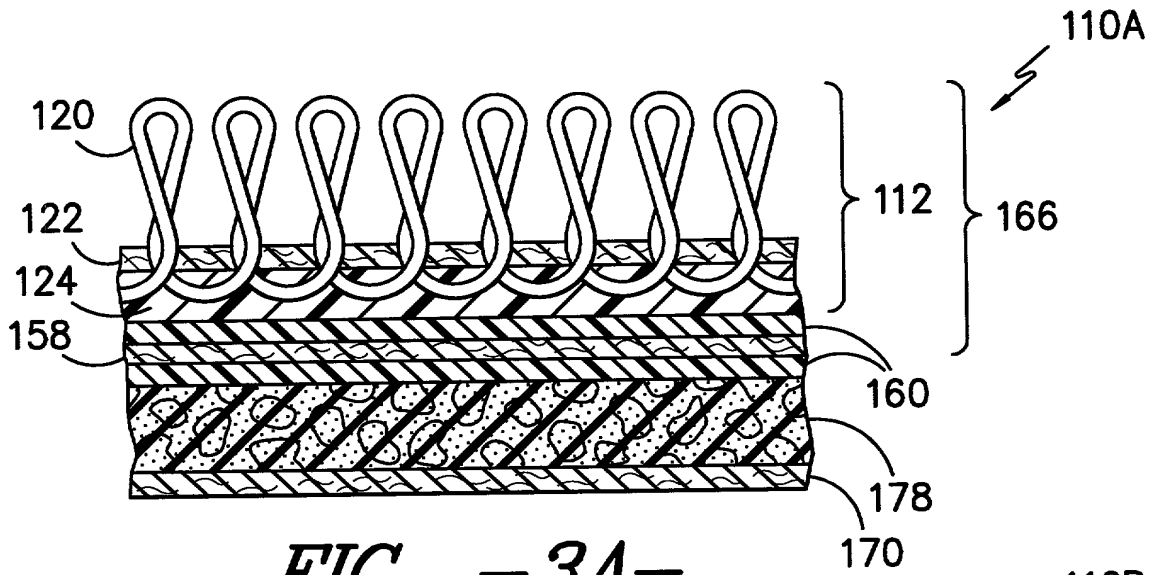


FIG. -3A-

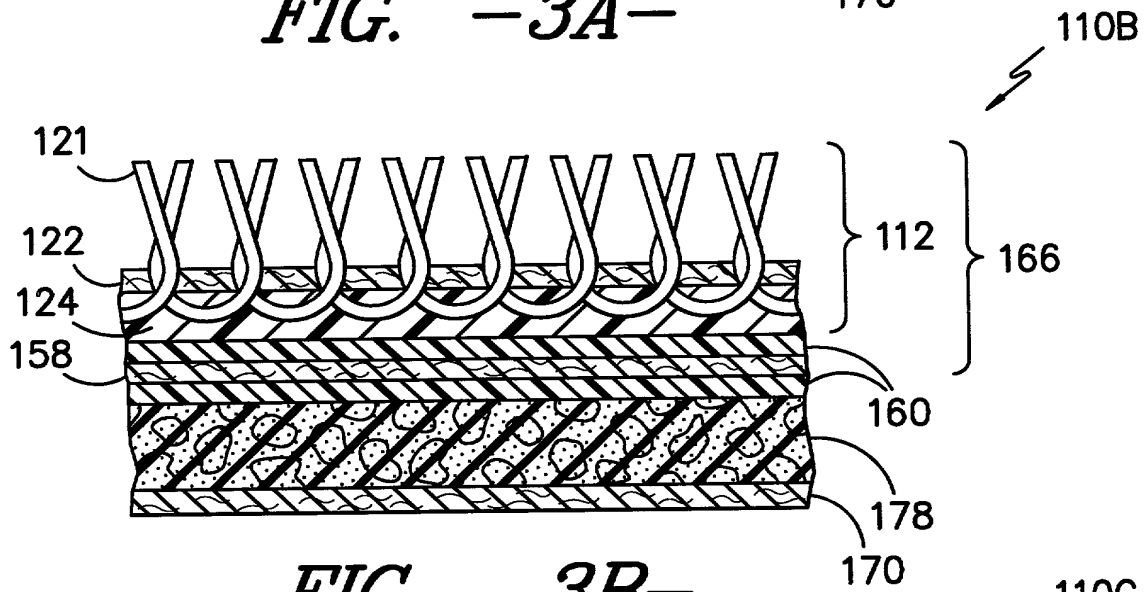


FIG. -3B-

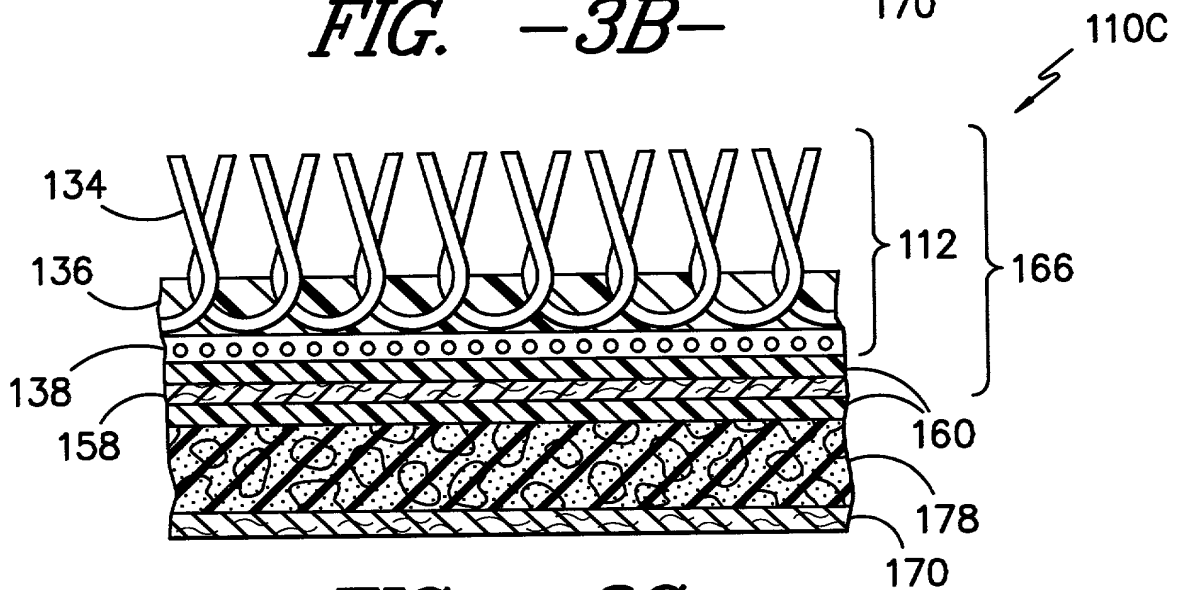


FIG. -3C-

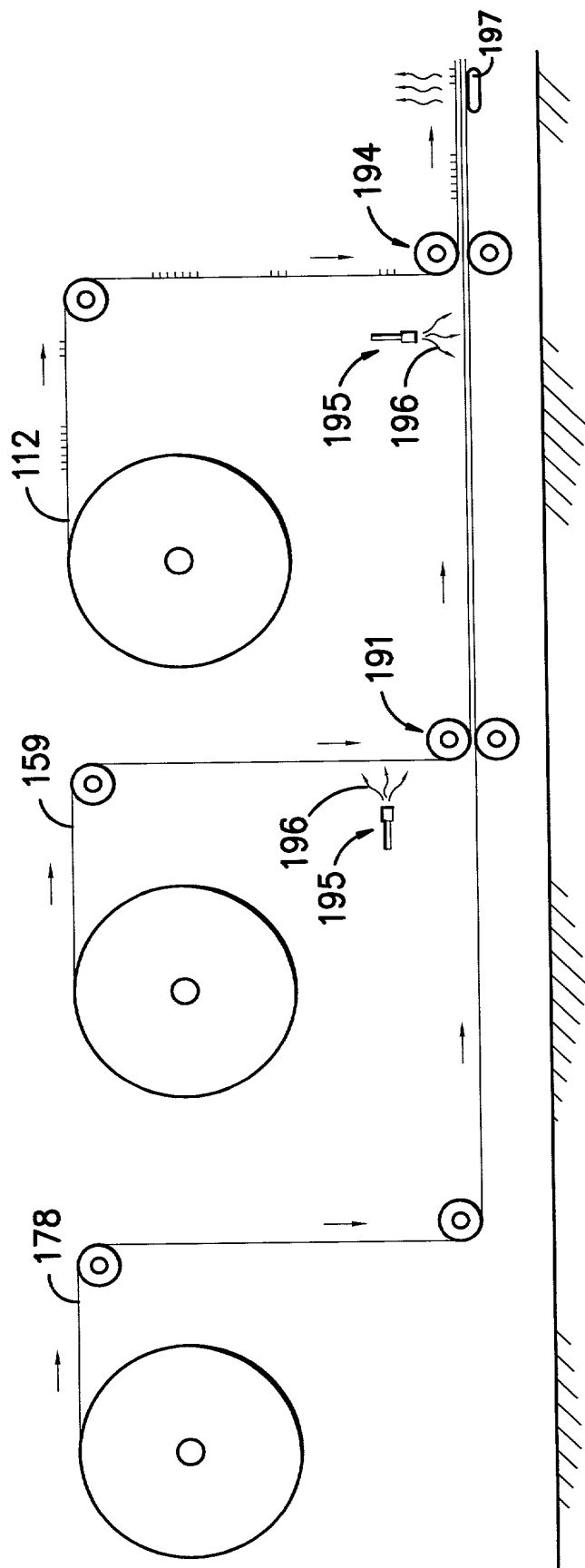


FIG. -4-

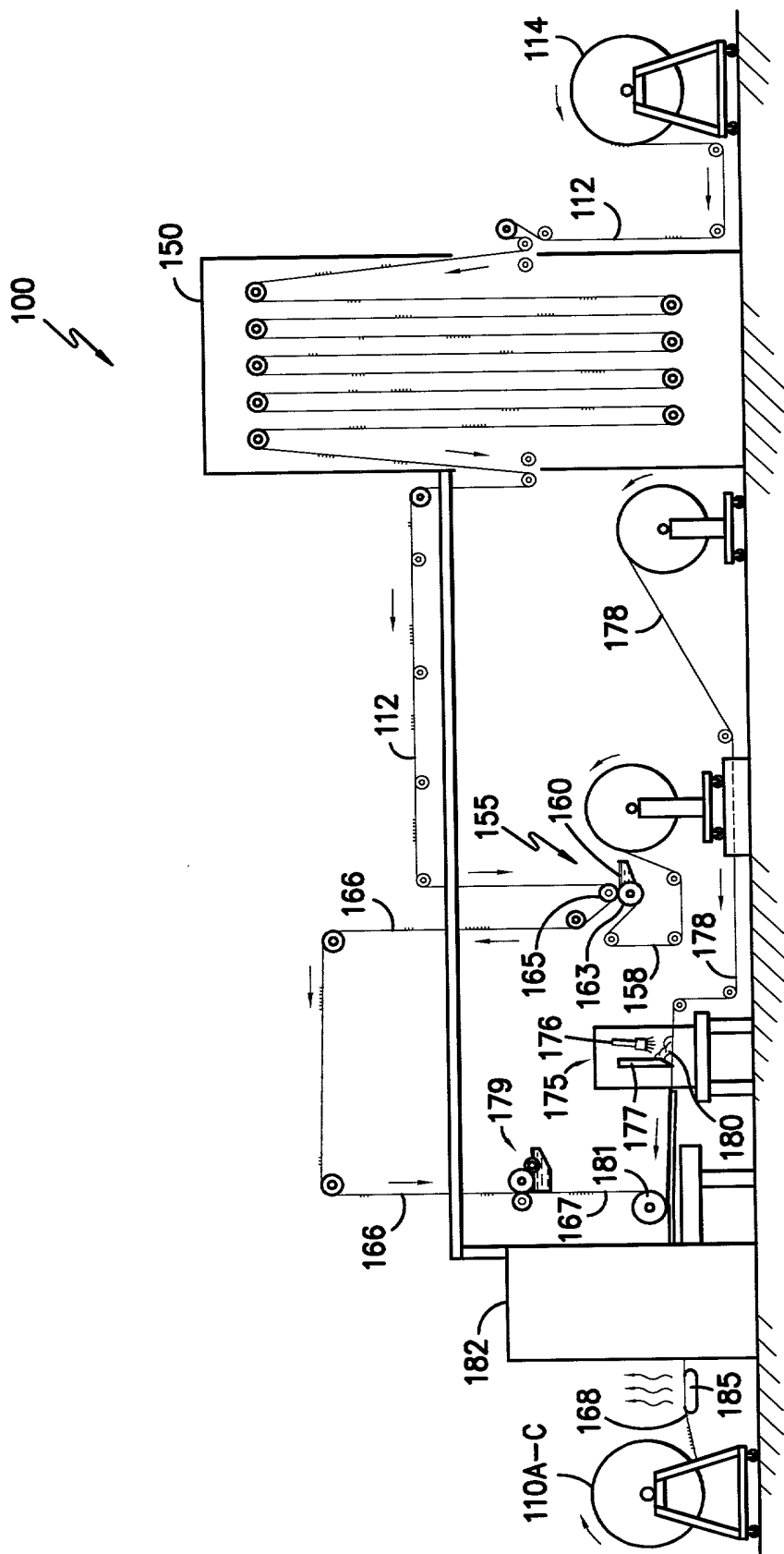


FIG. -5-

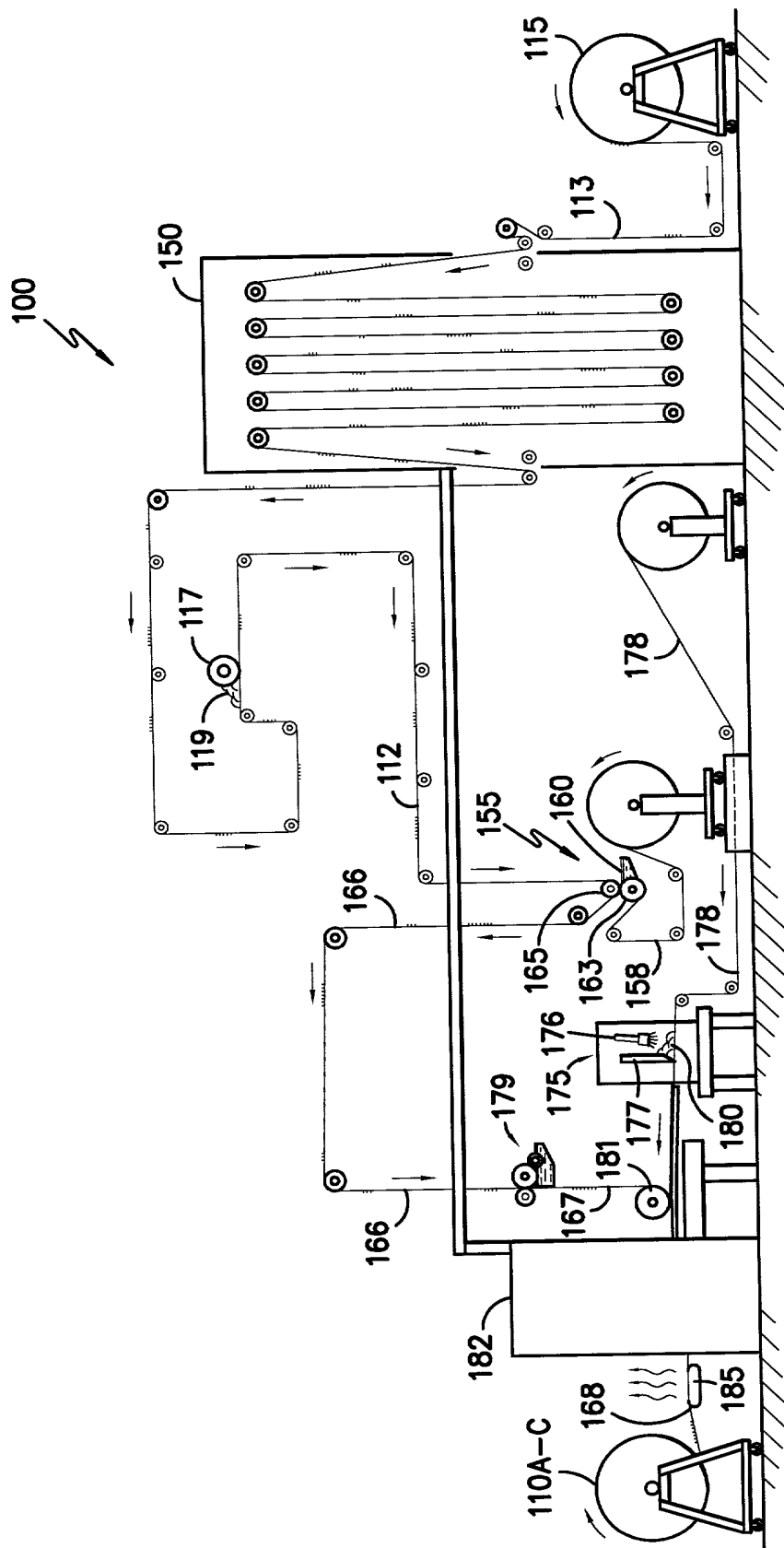


FIG. 5A-

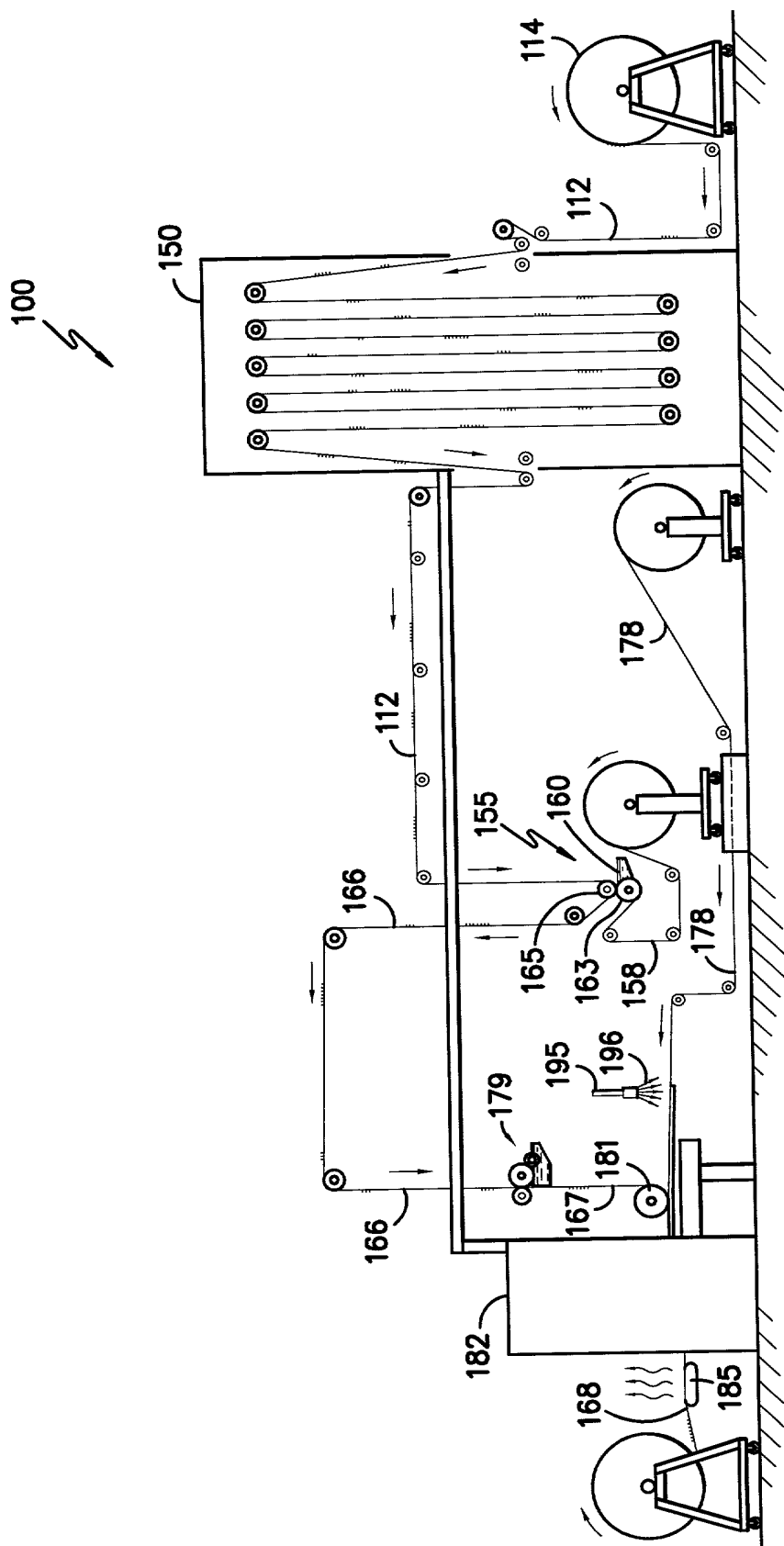


FIG. 5B-

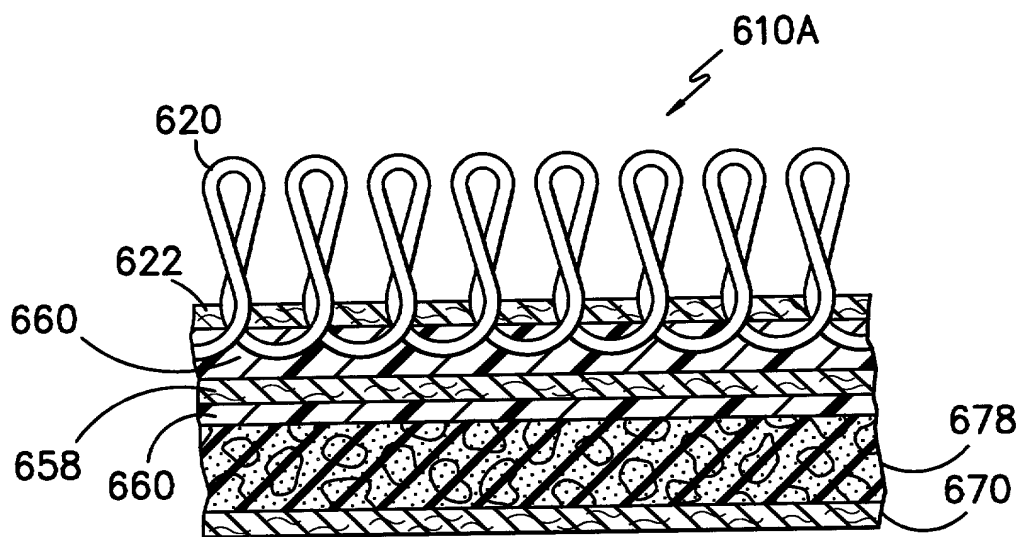


FIG. -6A-

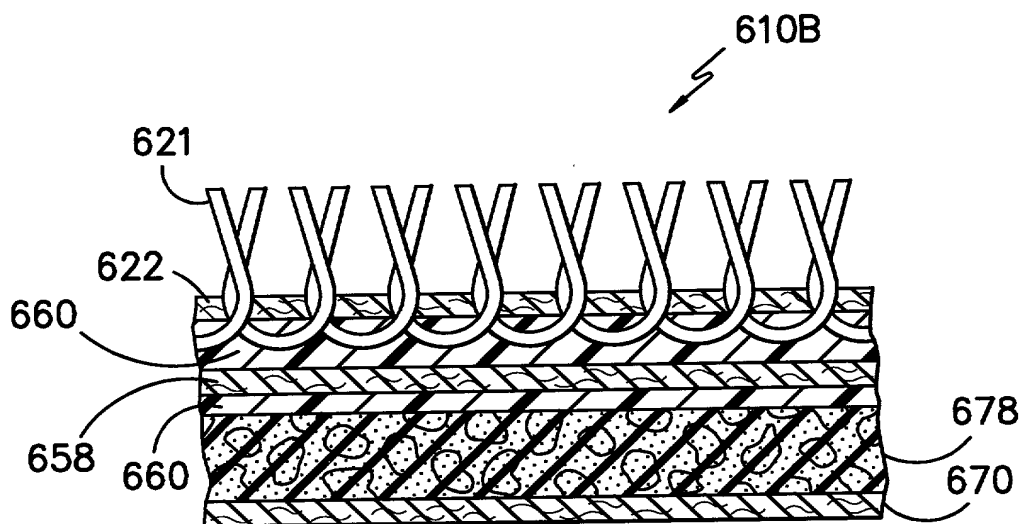


FIG. -6B-



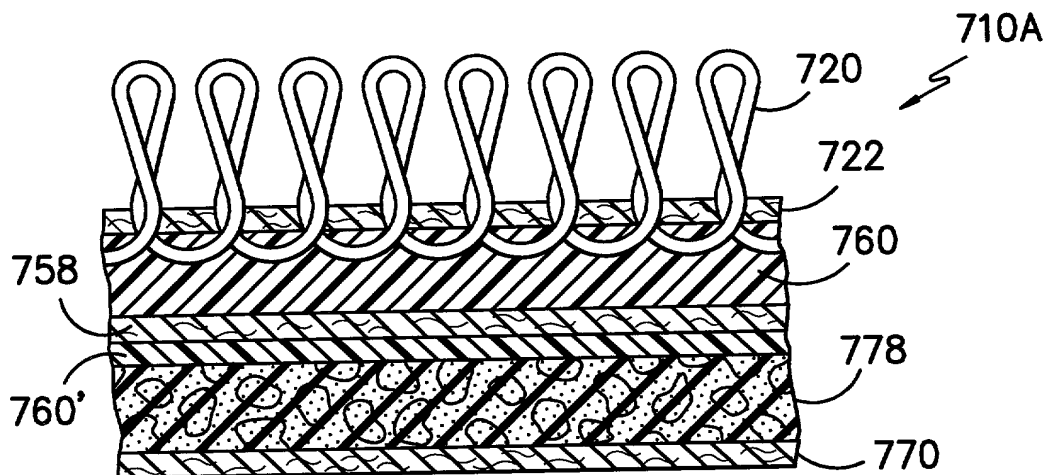


FIG. -7A-

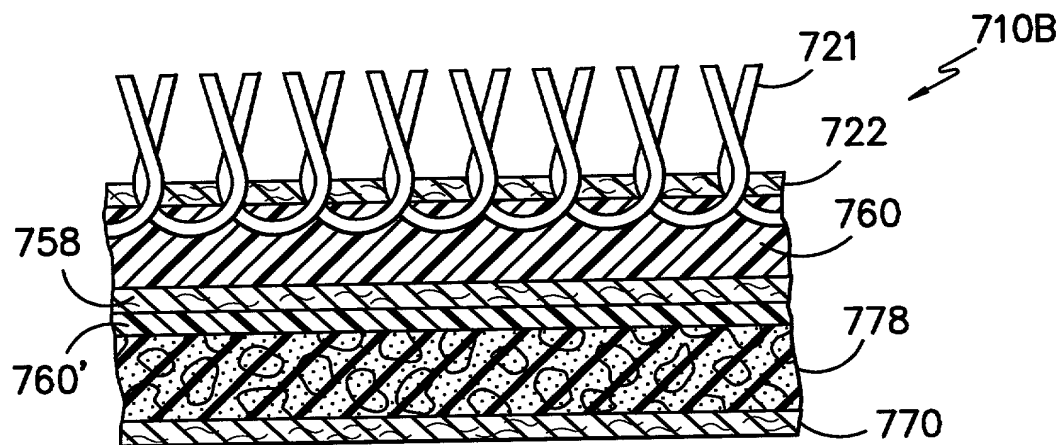


FIG. -7B-

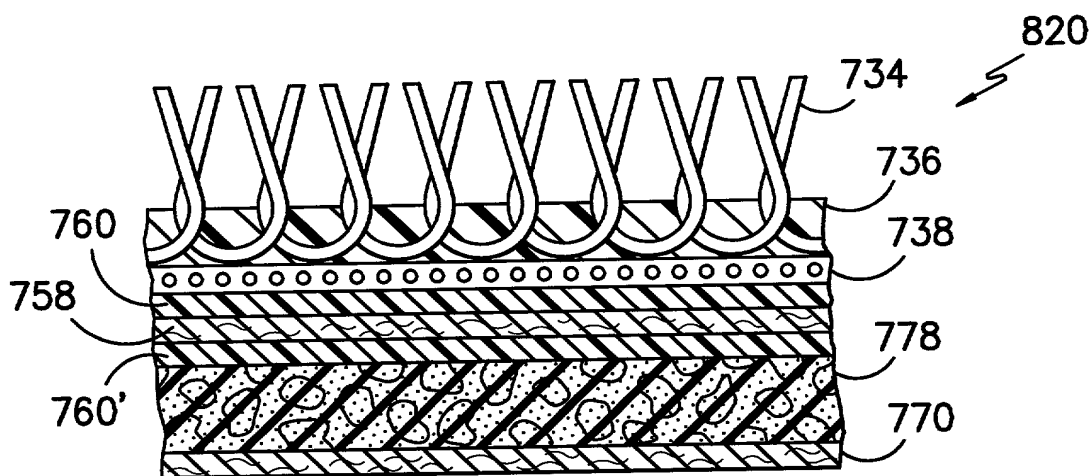
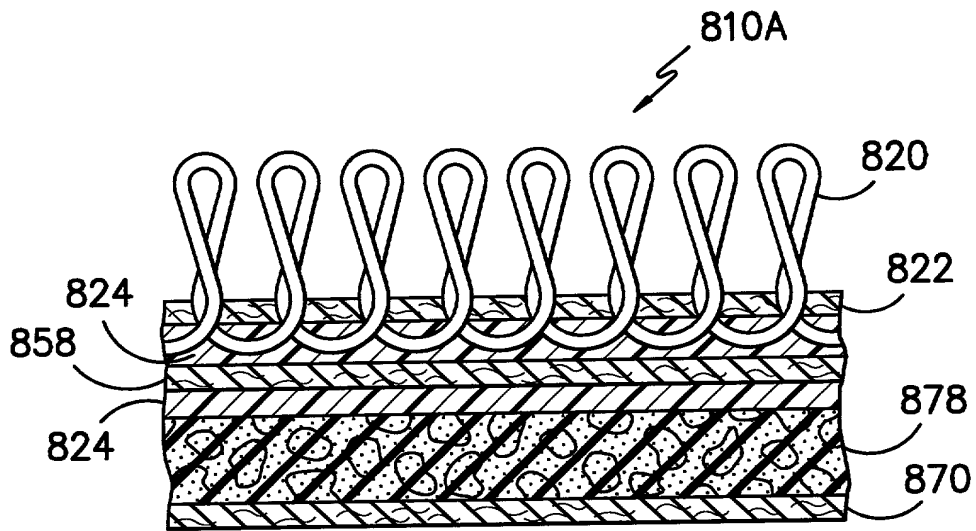
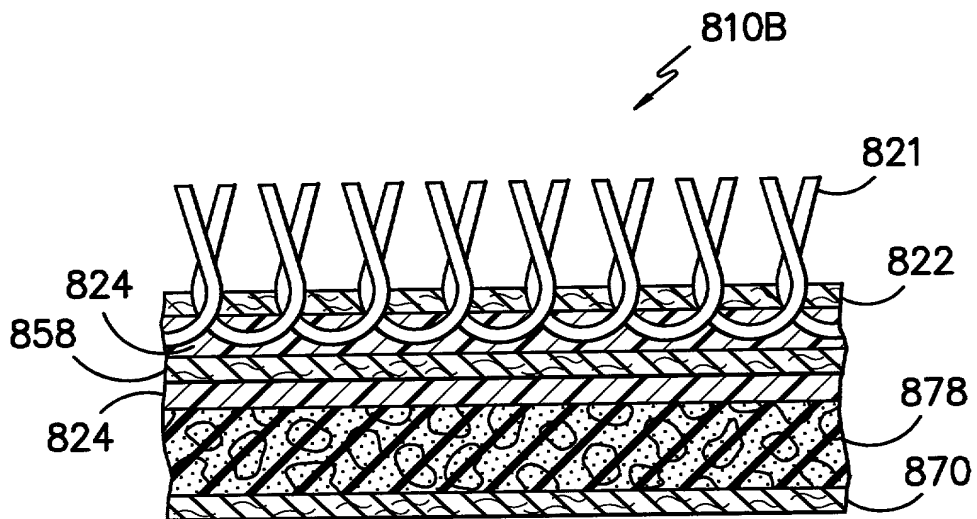


FIG. -7C-



*FIG. -8A-*



*FIG. -8B-*

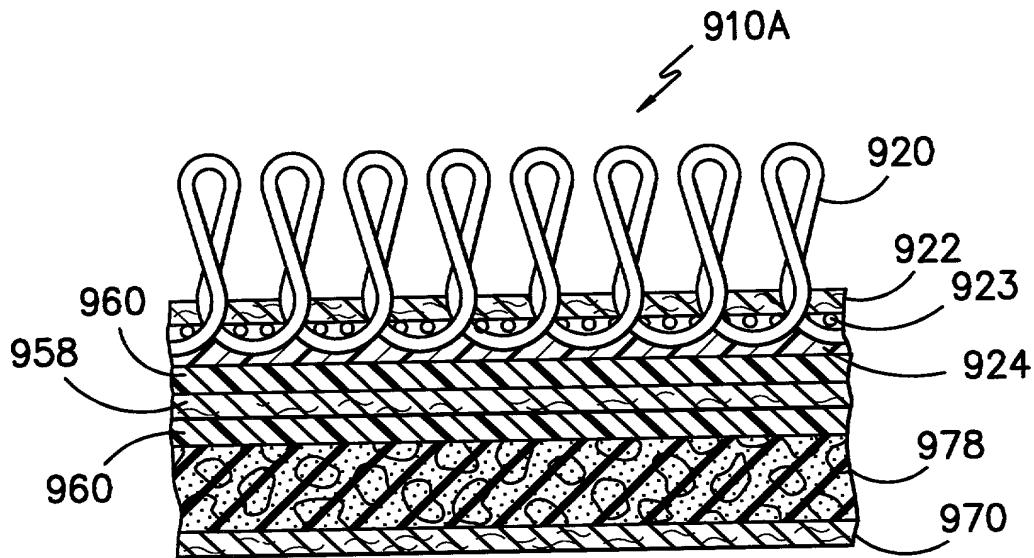


FIG. -9A-

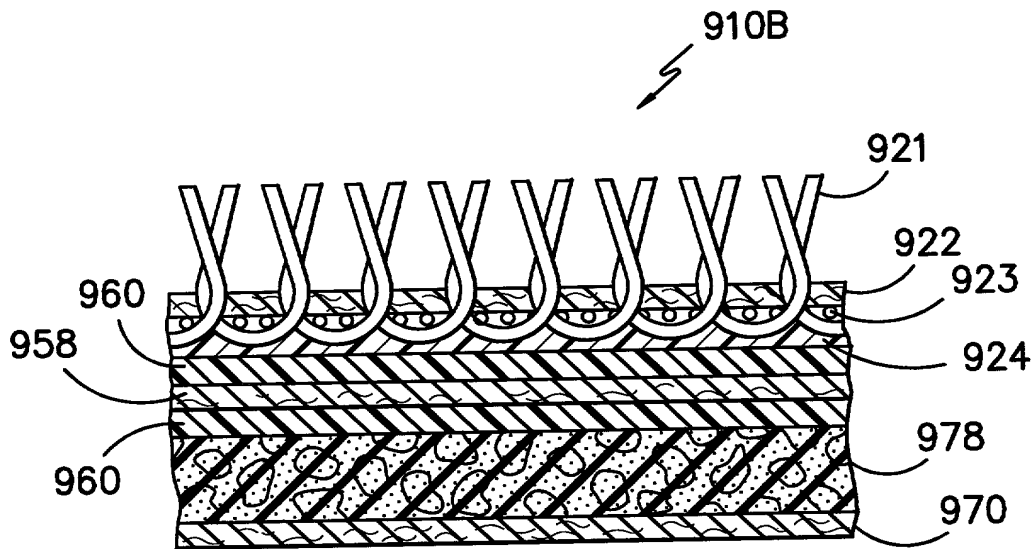
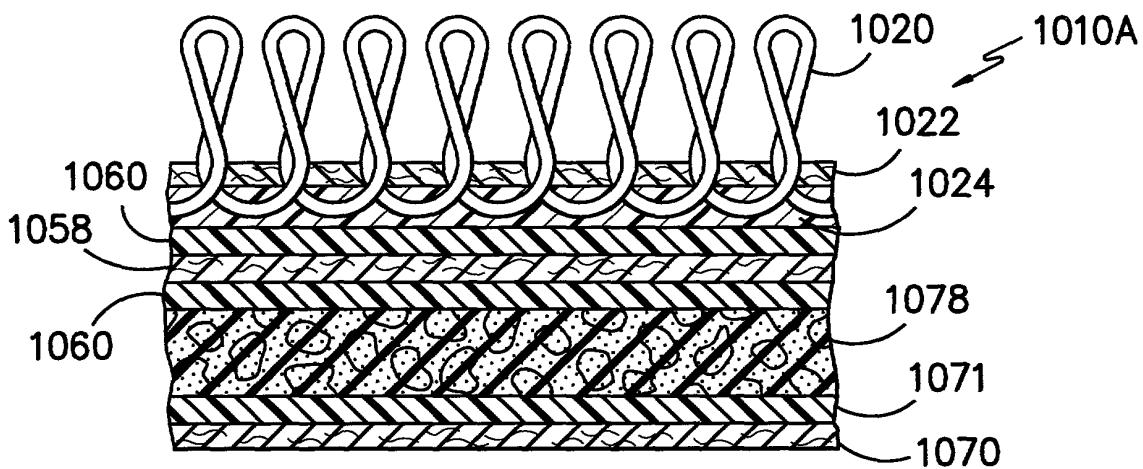
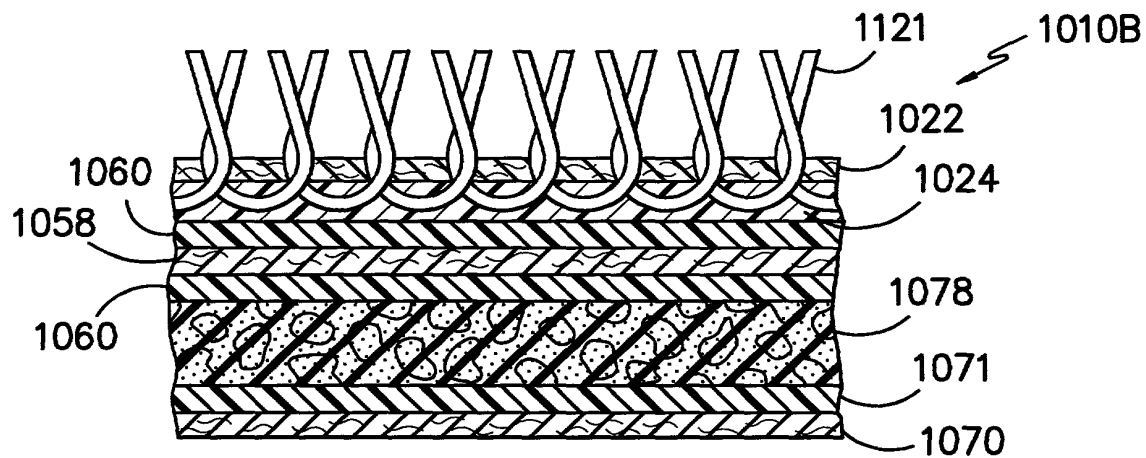


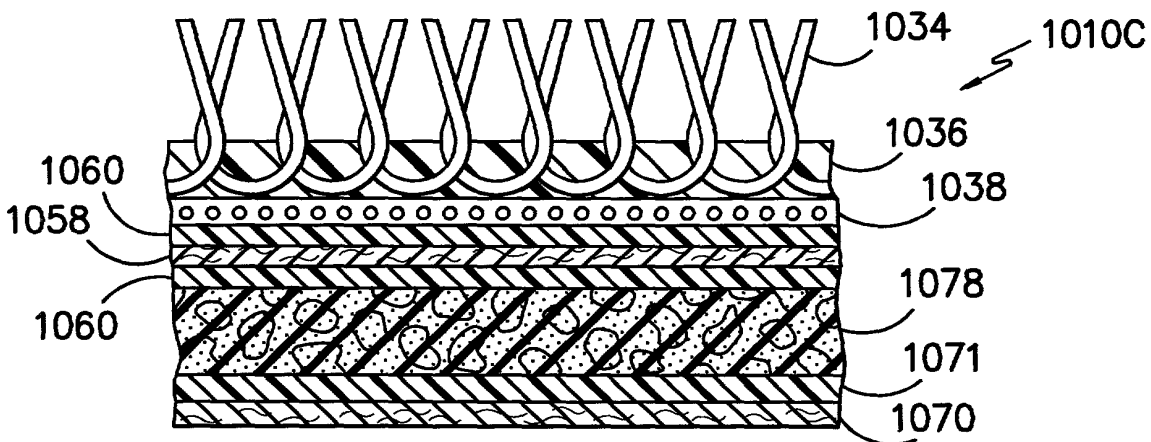
FIG. -9B-



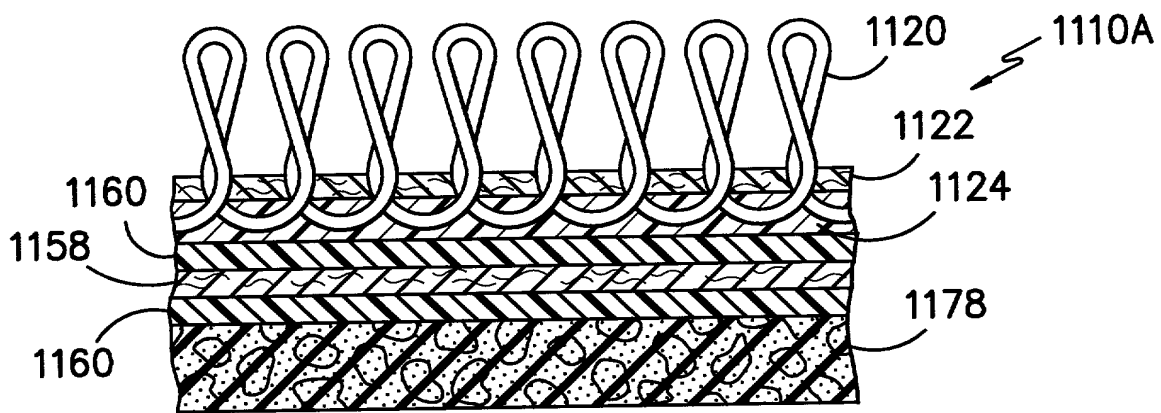
*FIG. -10A-*



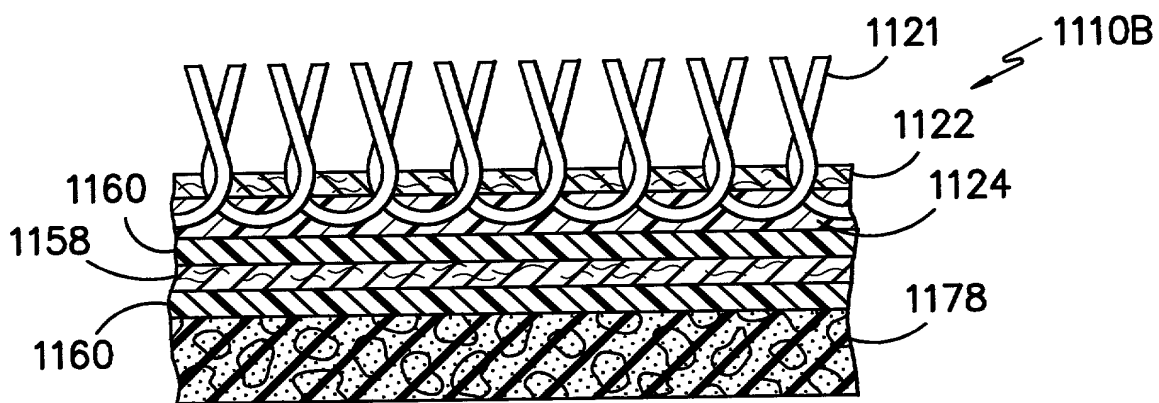
*FIG. -10B-*



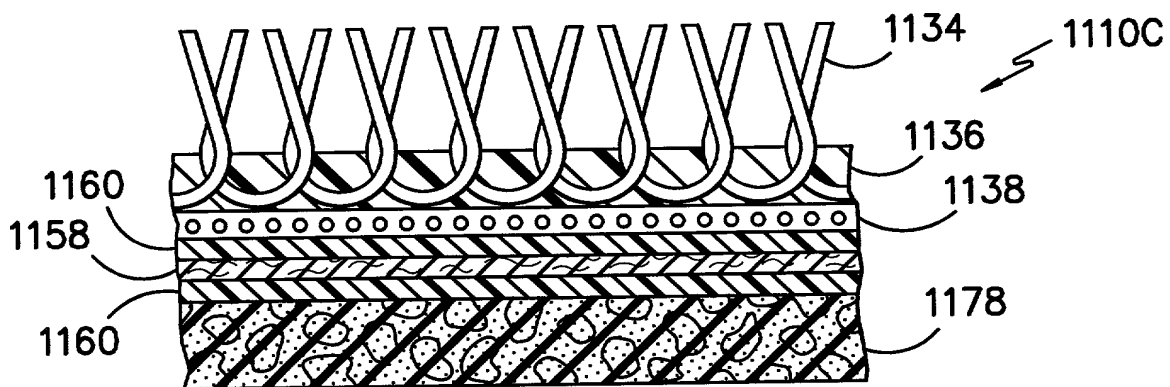
*FIG. -10C-*



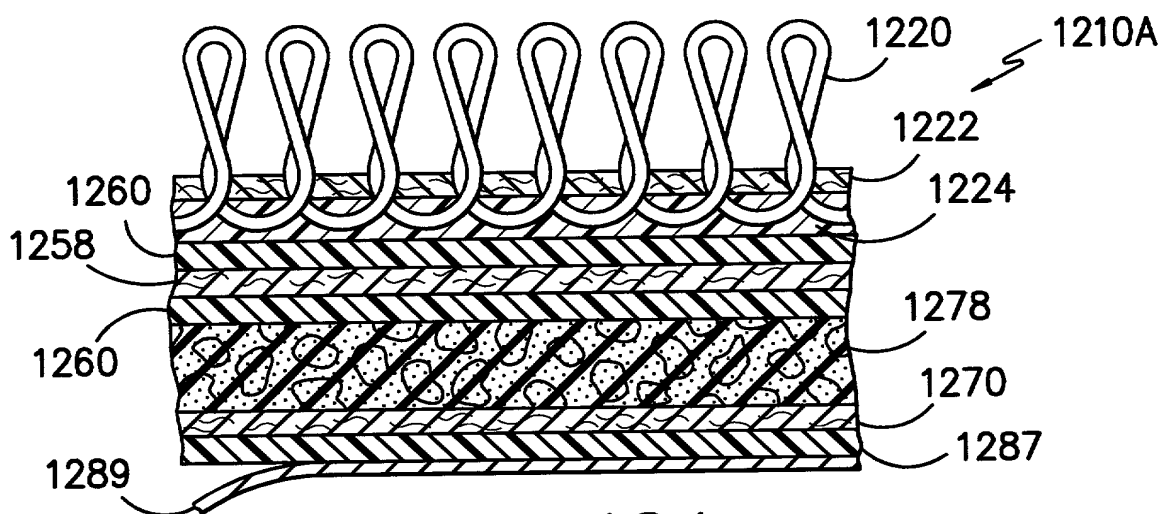
*FIG. -11A-*



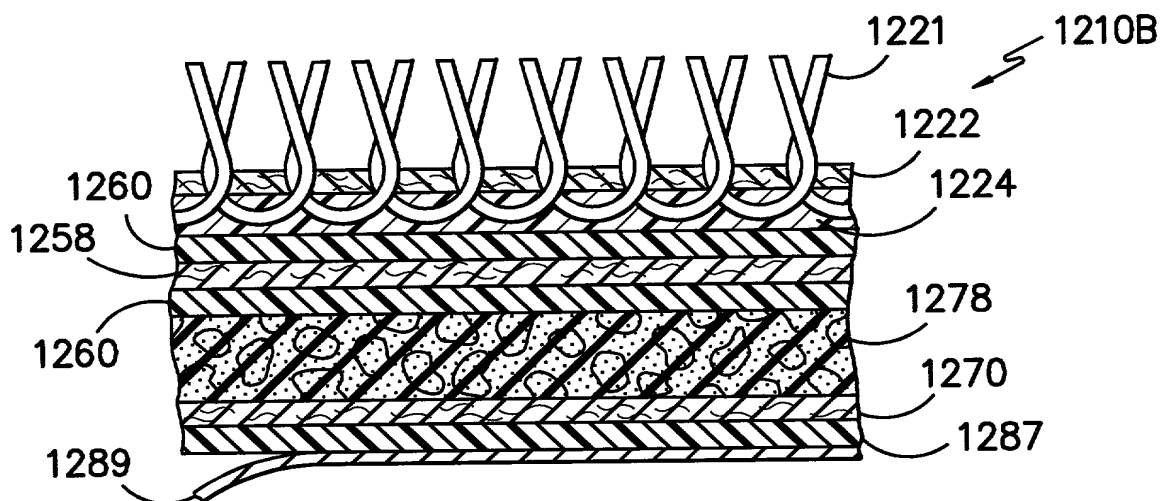
*FIG. -11B-*



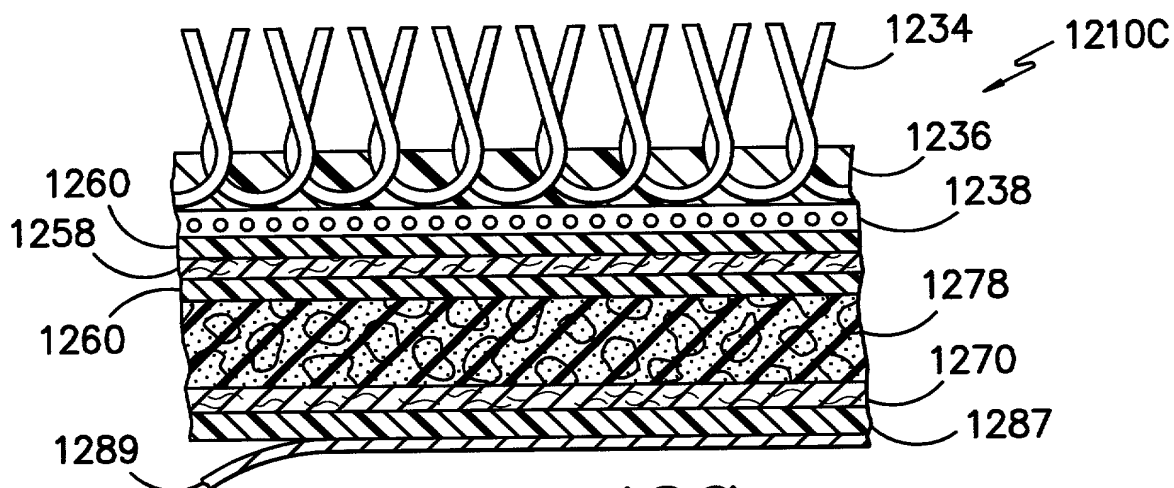
*FIG. -11C-*



*FIG. -12A-*



*FIG. -12B-*



*FIG. -12C-*

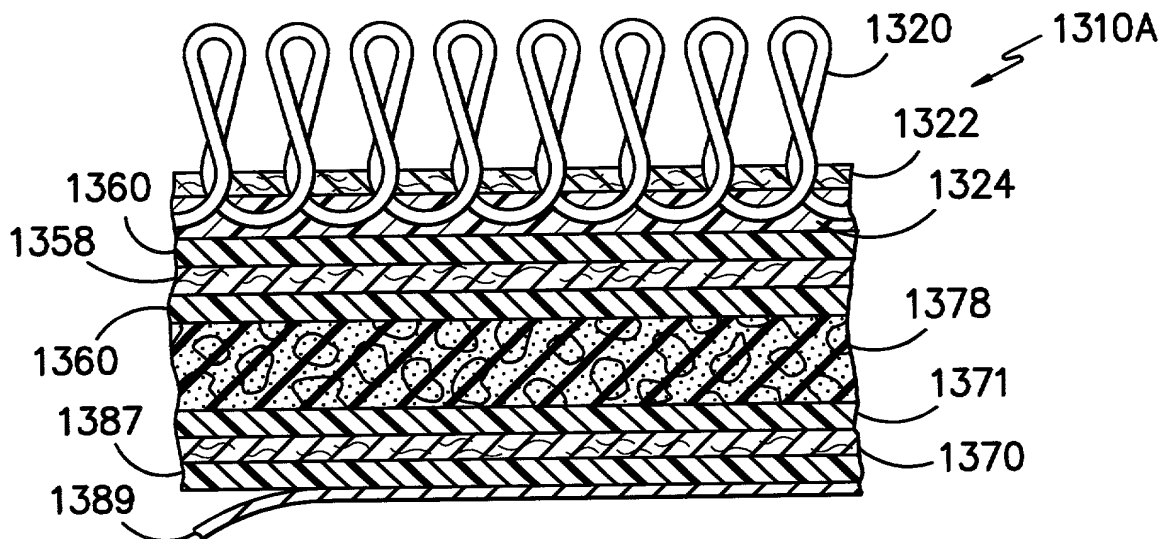


FIG. -13A-

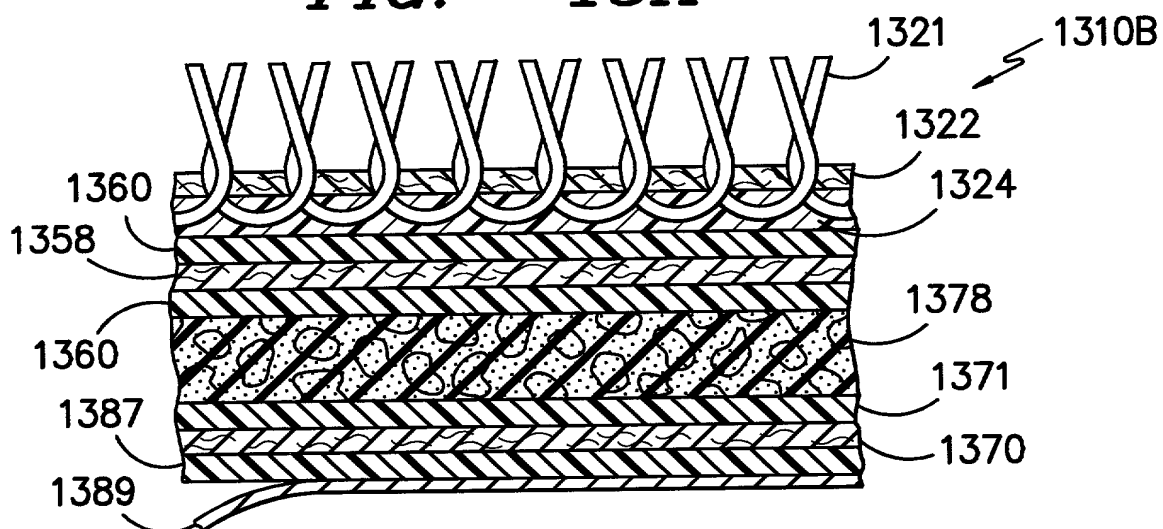


FIG. -13B-

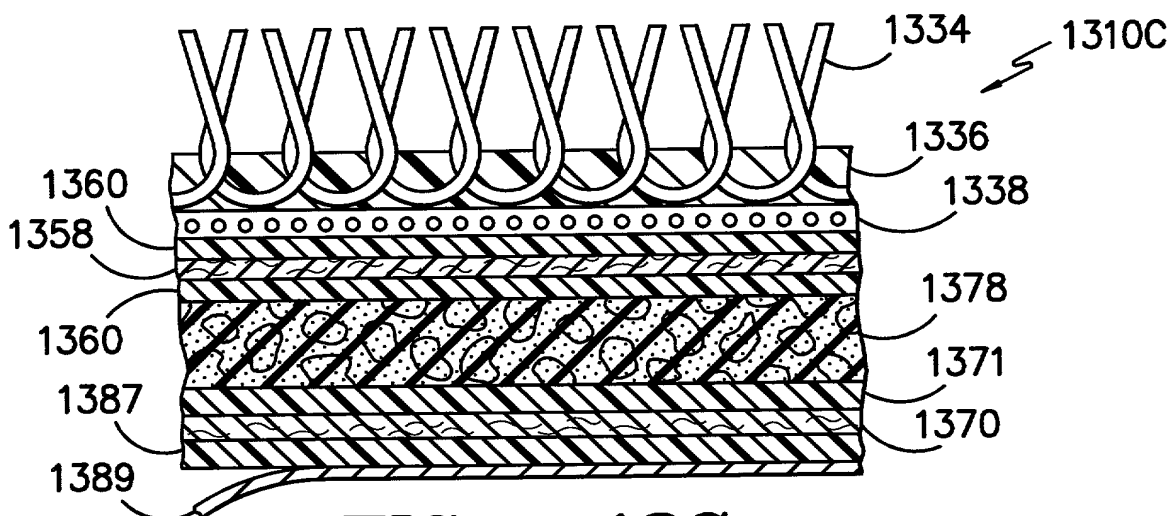
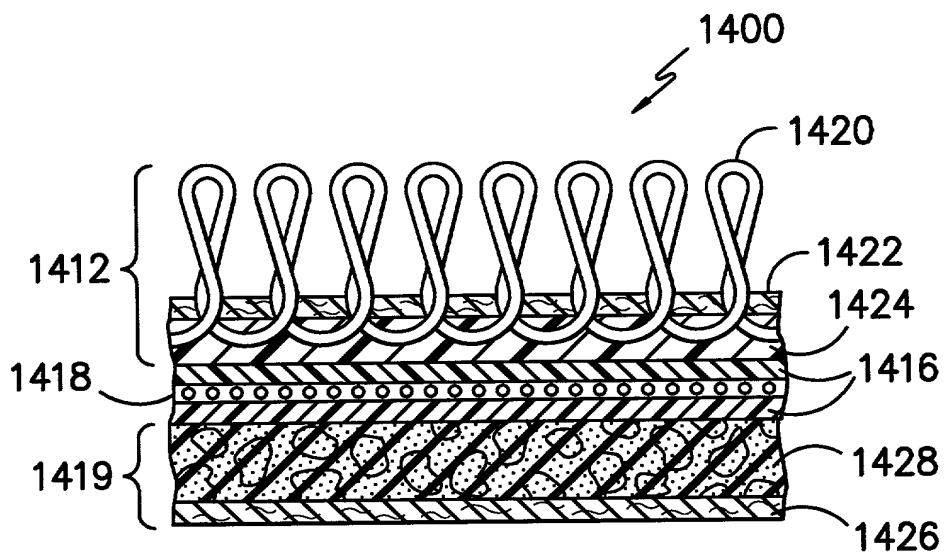
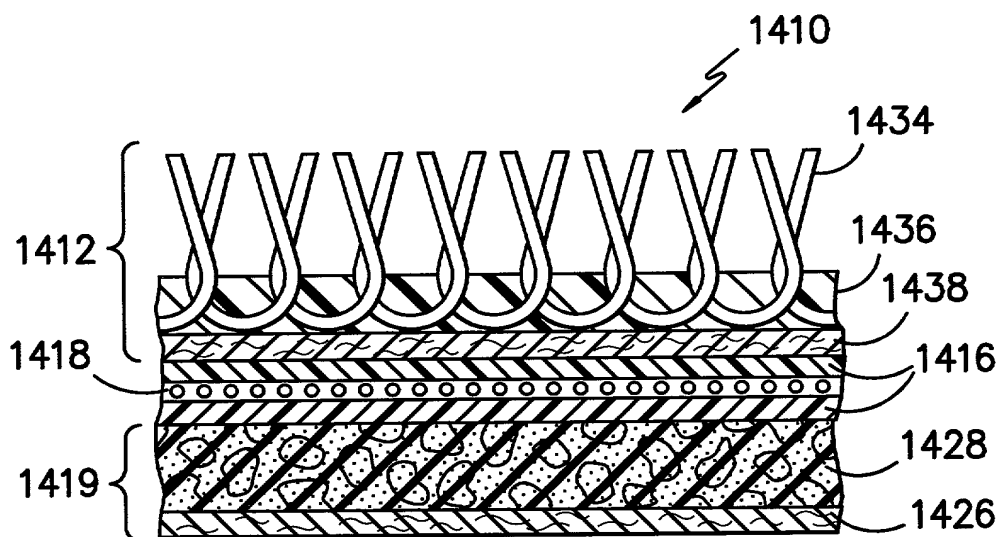


FIG. -13C-



*FIG. -14A-*



*FIG. -14B-*



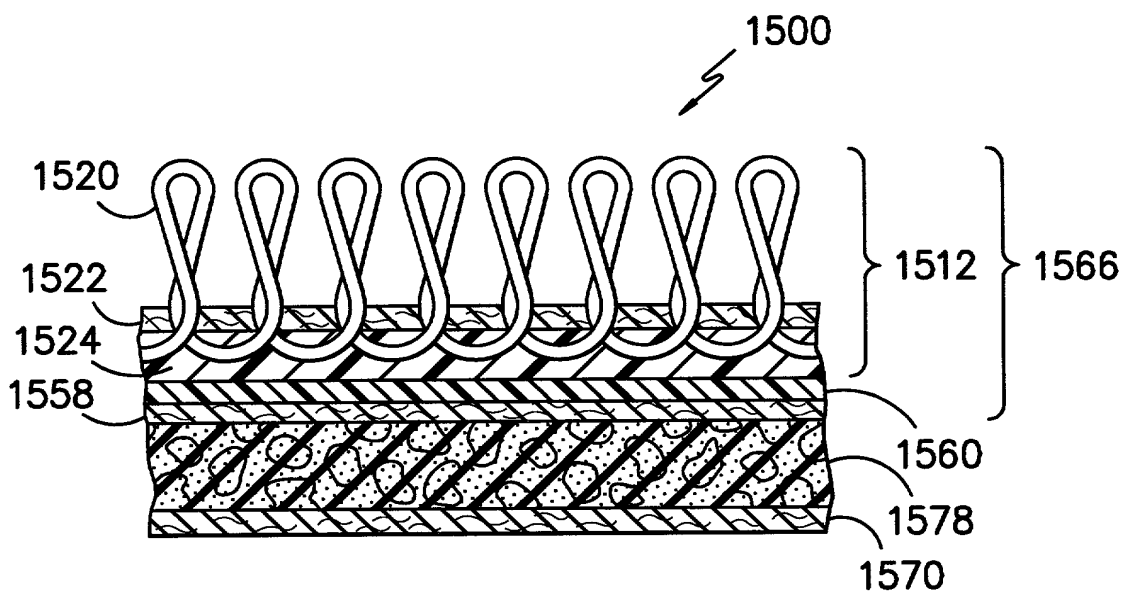


FIG. -15A-

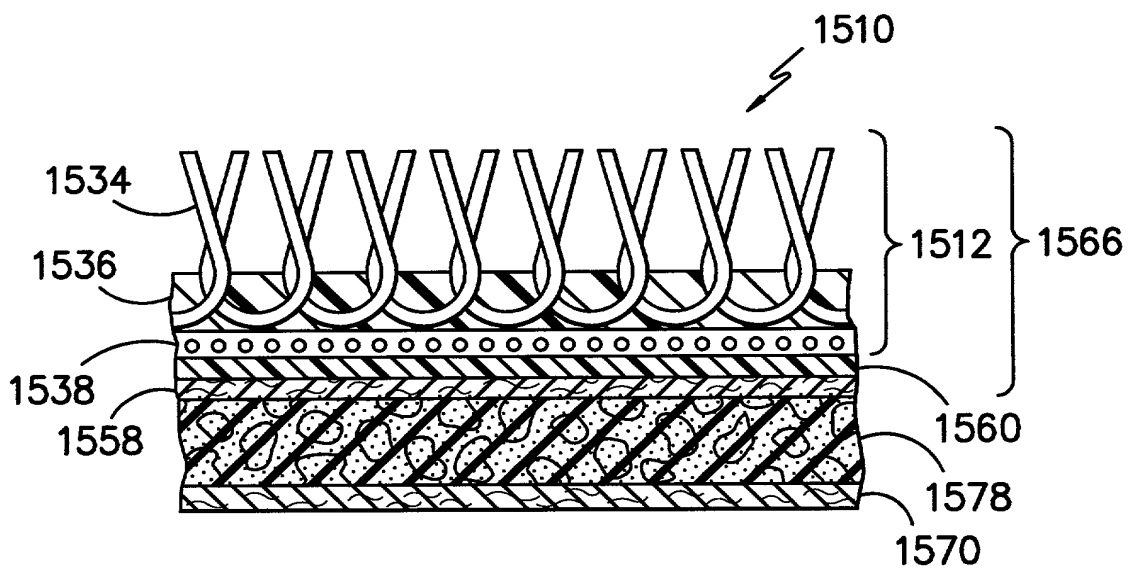


FIG. -15B-

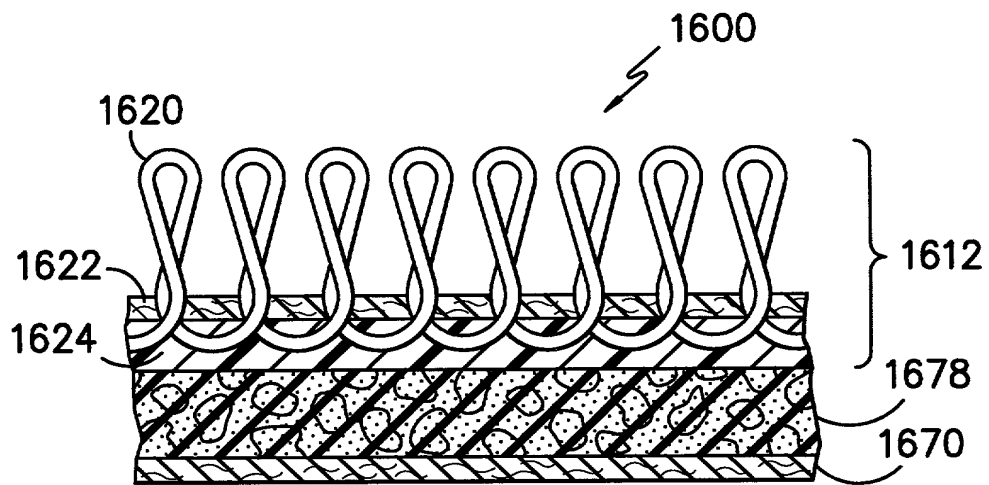


FIG. -16A-

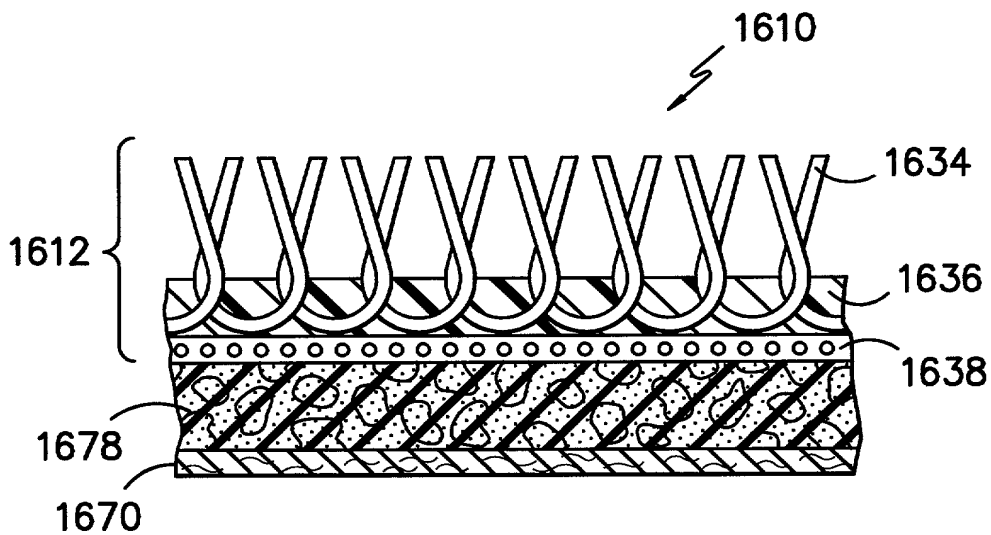


FIG. -16B-

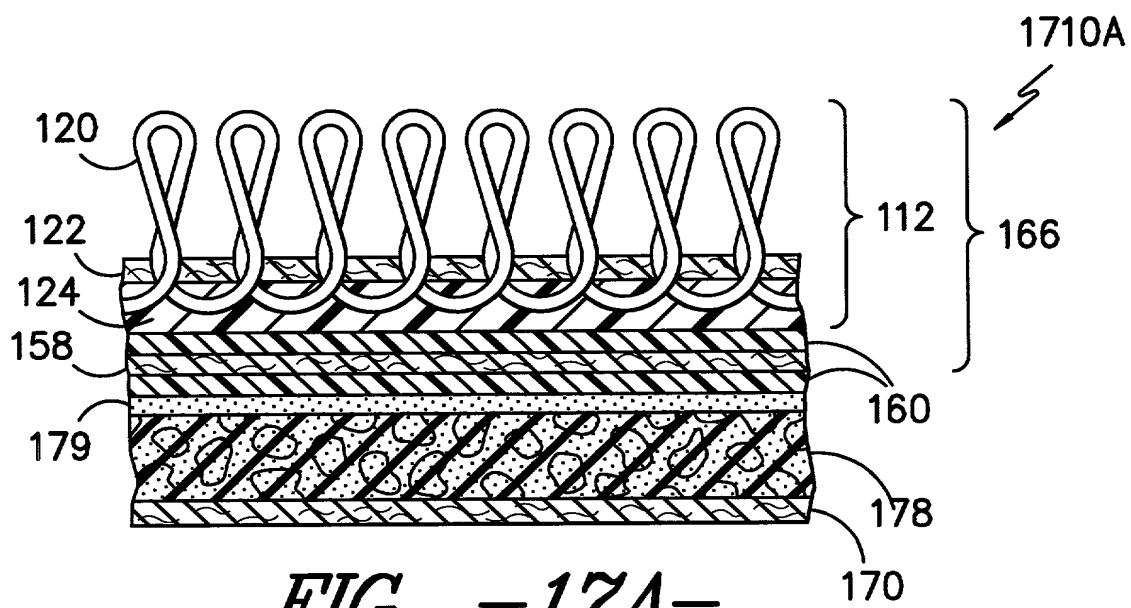


FIG. -17A-

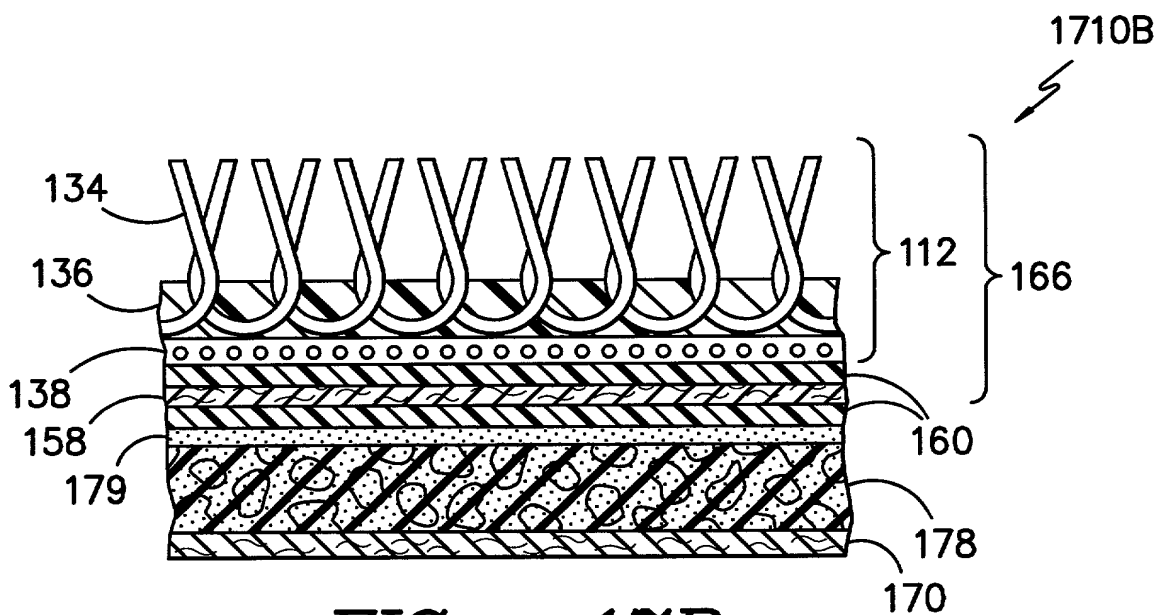


FIG. -17B-

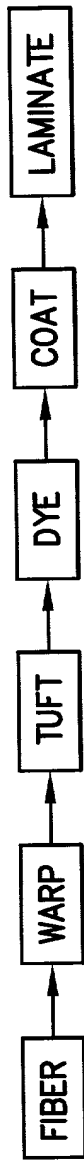


FIG. 18A-

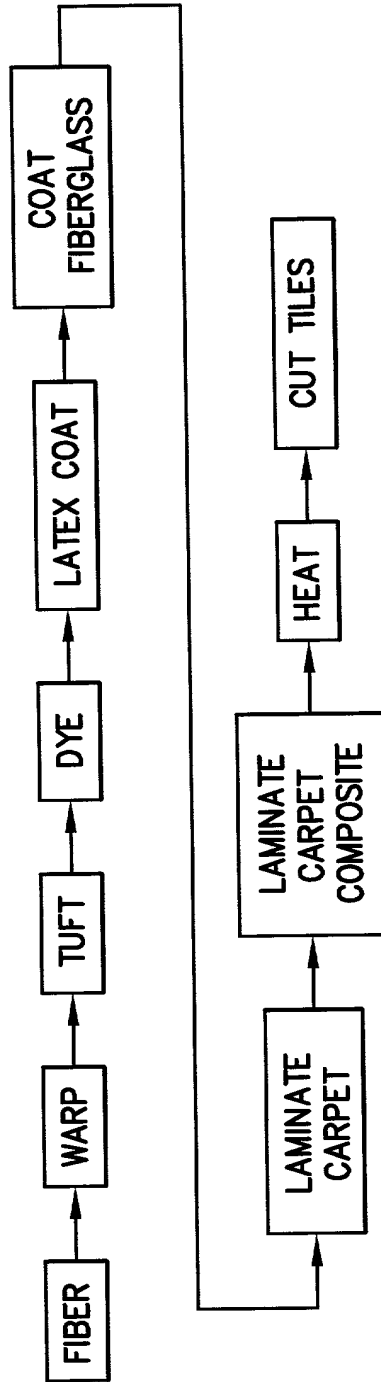


FIG. 18B-

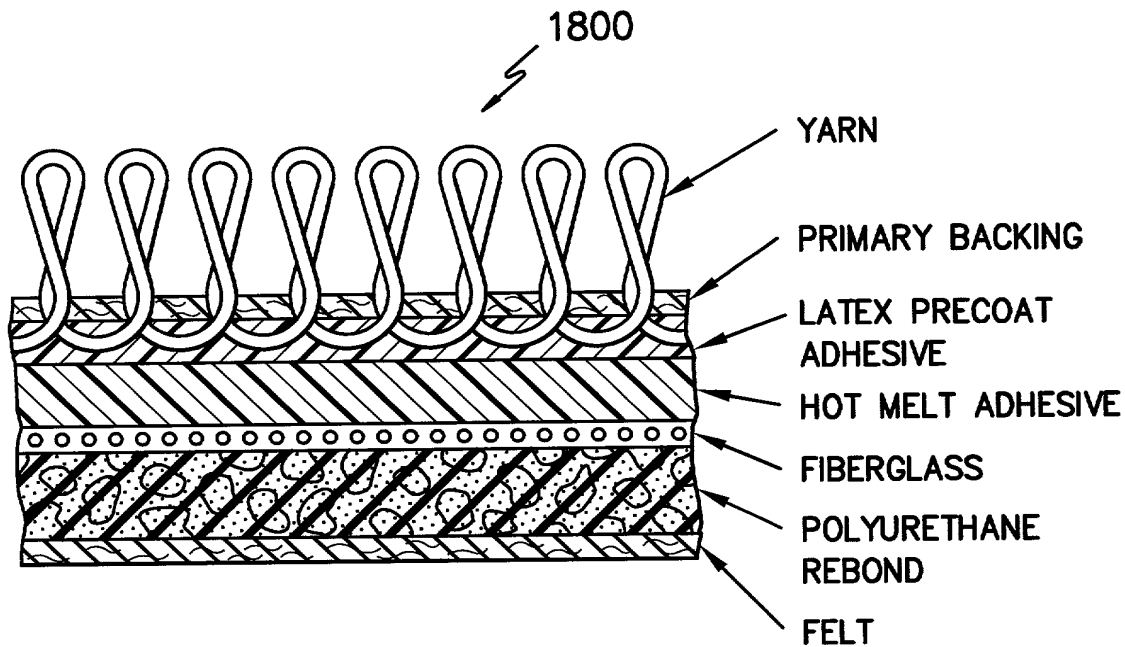


FIG. -19A-

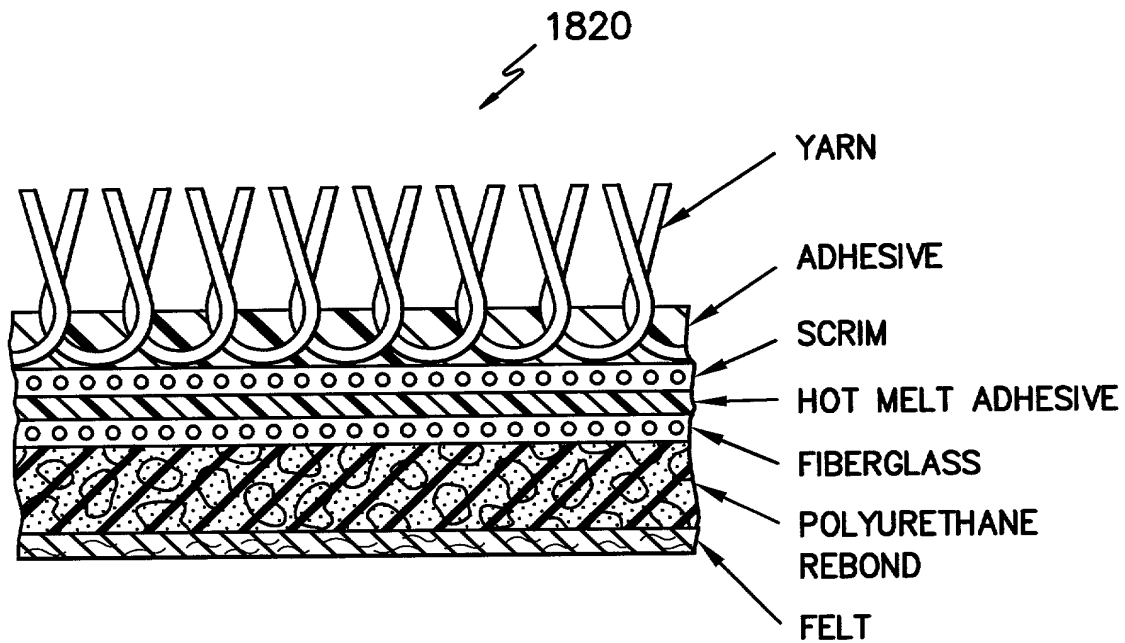


FIG. -19B-

FIG. 100220" 5800T650

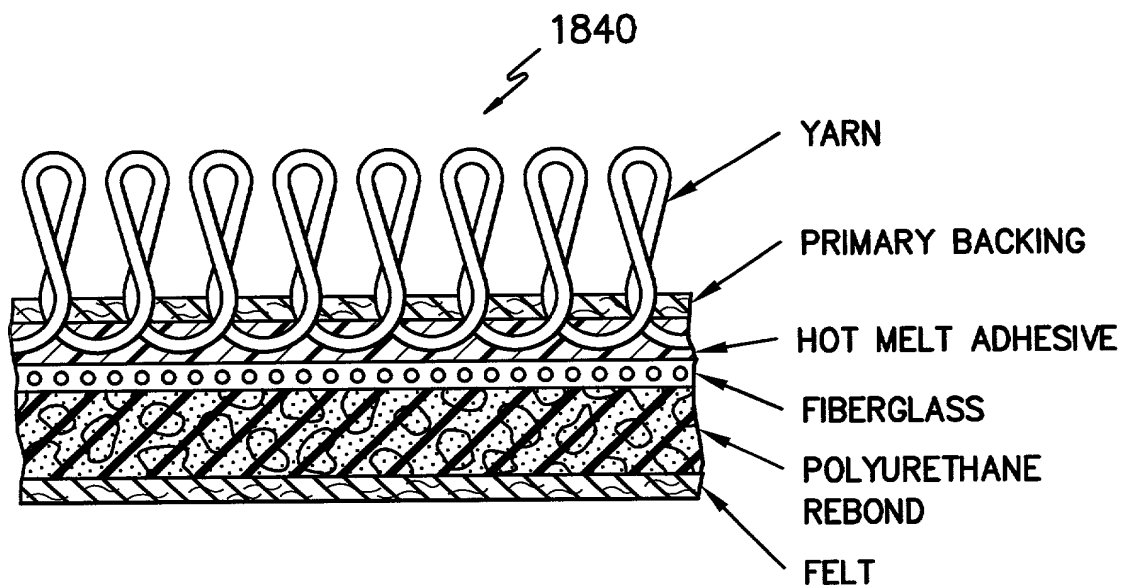


FIG. -20-

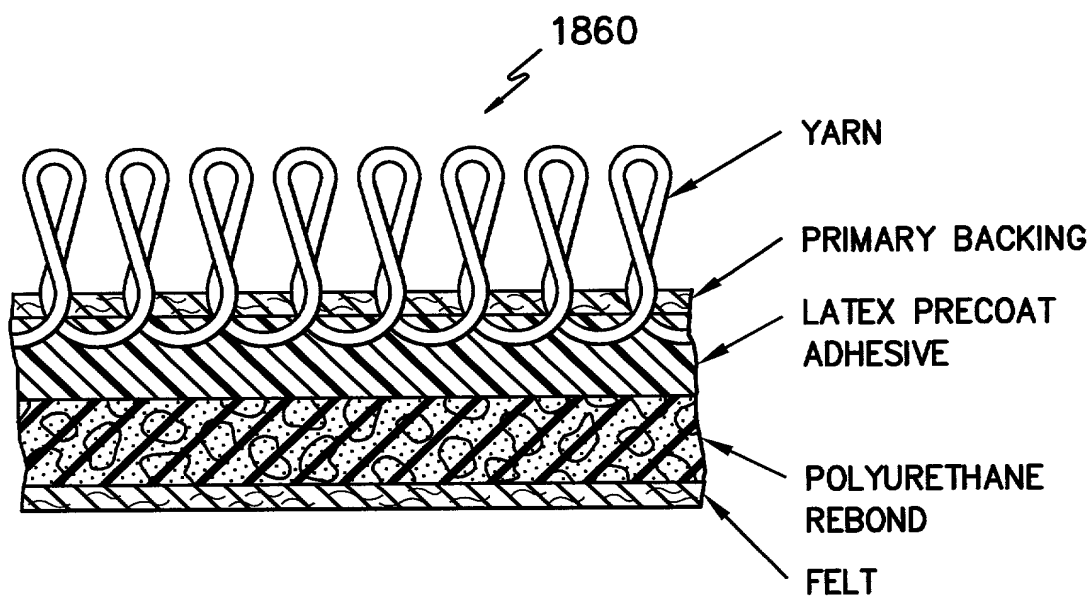


FIG. -21-

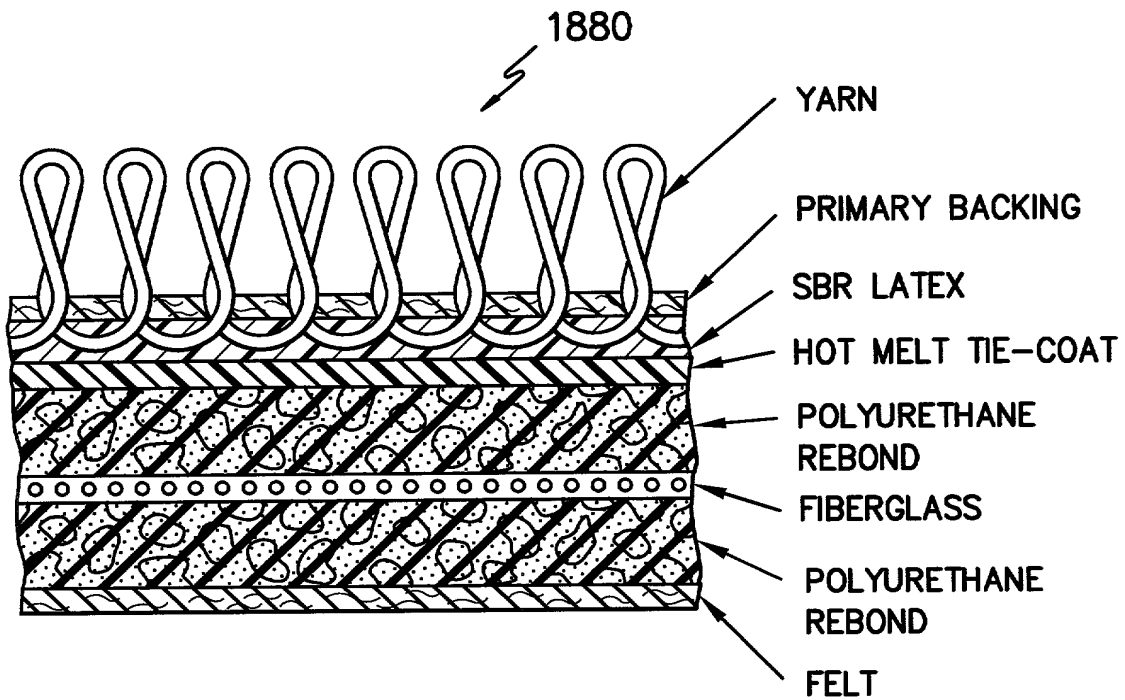


FIG. -22-

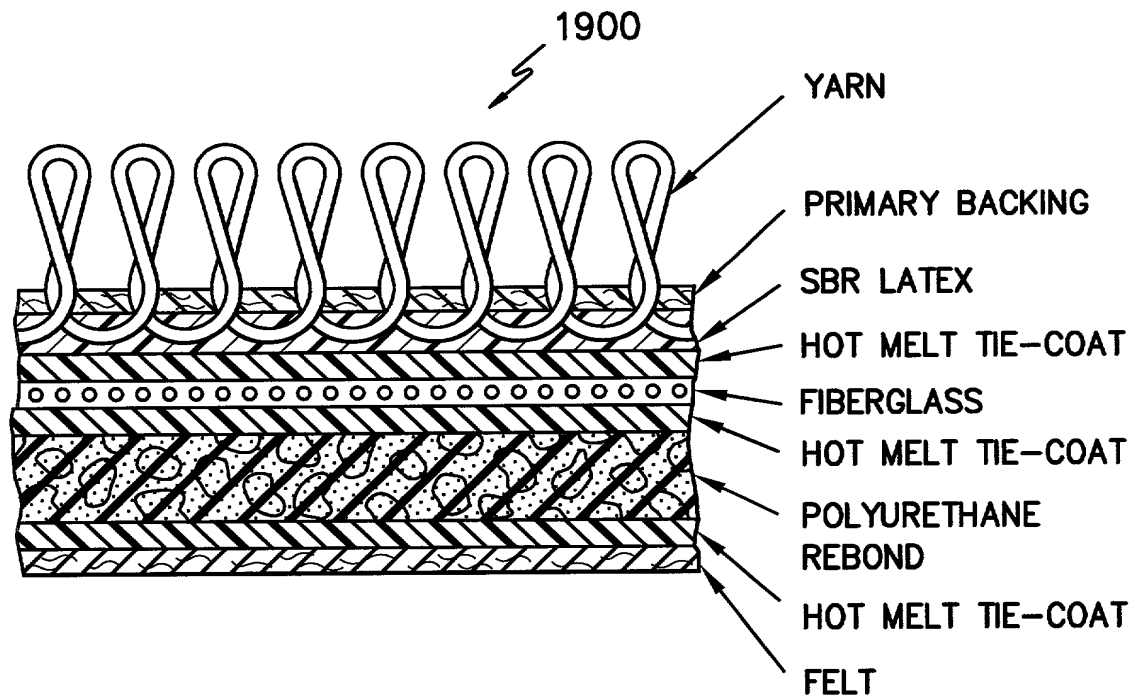


FIG. -23-

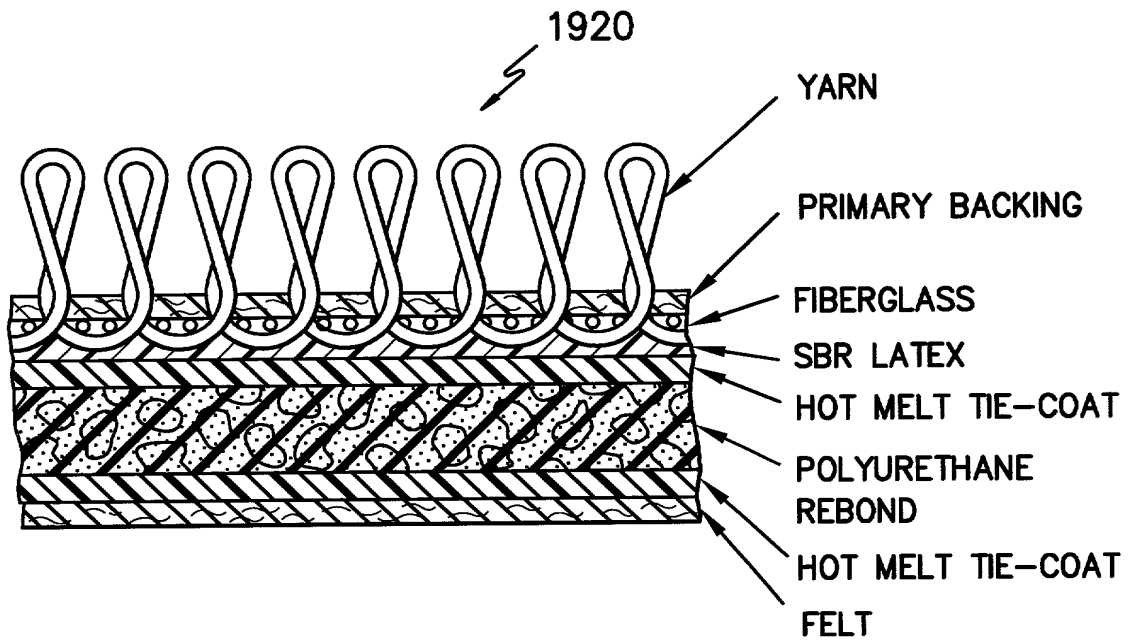


FIG. -24-

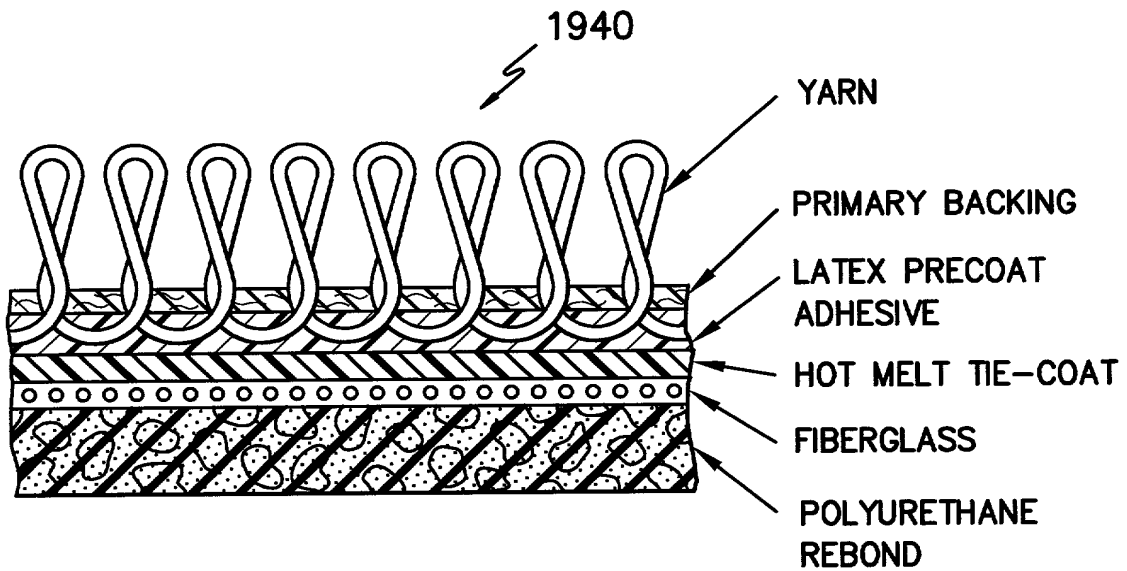


FIG. -25-



A cross-sectional diagram of a carpet construction from 1960. The diagram shows a series of loops of yarn on top of a primary backing. Below the backing is a latex precoat adhesive layer, and at the bottom is a polyurethane rebond layer. Labels with arrows point to each component: 1960, YARN, PRIMARY BACKING, LATEX PRECOAT ADHESIVE, and POLYURETHANE REBOND.

A cross-sectional diagram of a multi-layered material assembly. The layers, from top to bottom, are:

- 1980**: A top layer with a wavy, undulating surface.
- YARN**: A layer of vertical, looped fibers.
- PRIMARY BACKING**: A layer with a diagonal hatching pattern.
- LATEX PRECOAT ADHESIVE**: A thin layer with a dotted pattern.
- FIBERGLASS**: A layer with a diagonal hatching pattern.
- POLYURETHANE REBOND**: A bottom layer with a diagonal hatching pattern.

Arrows point from the labels to their respective layers in the diagram.

Shredding the Waste

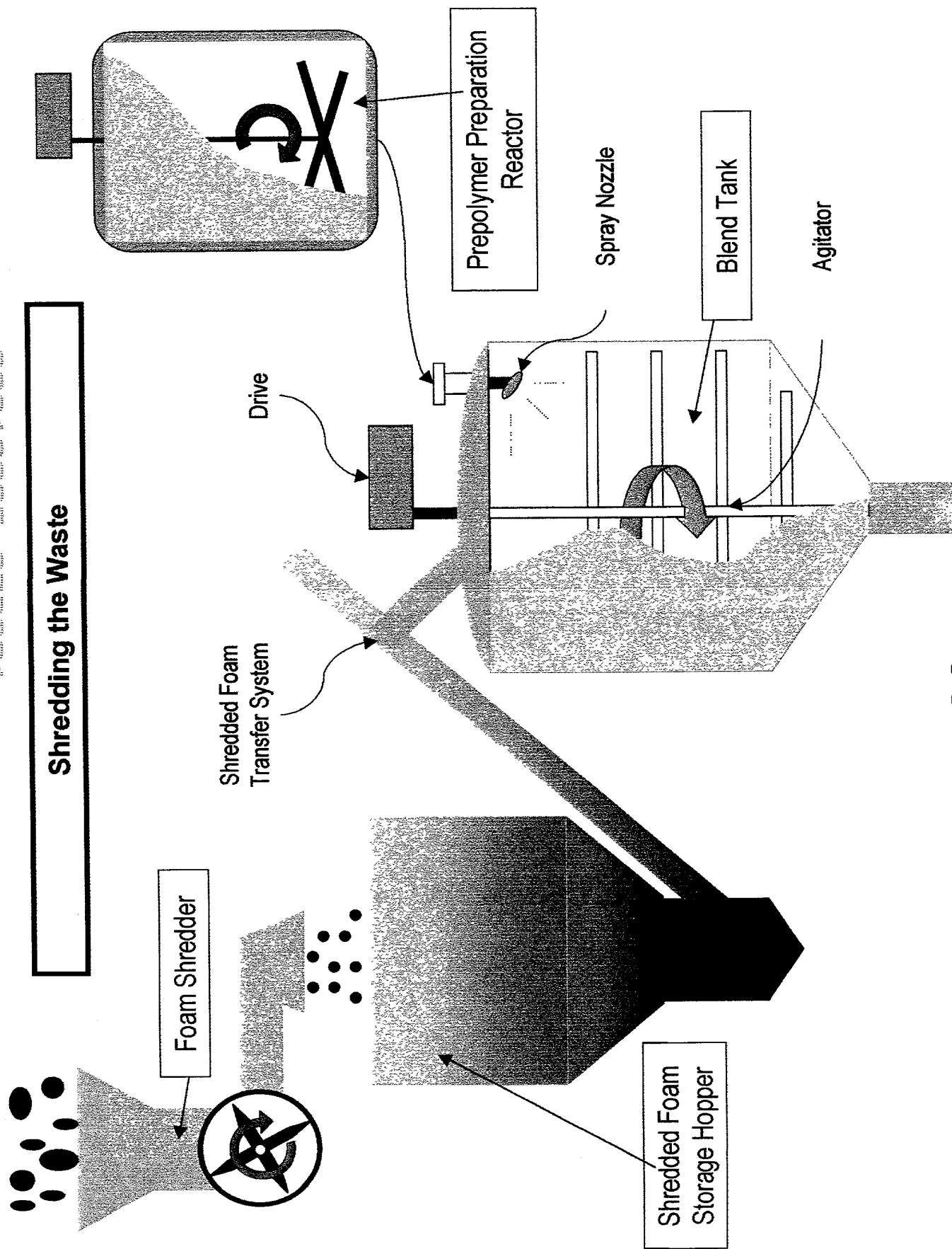


FIG. -28-

Manufacturing of Rebond Block

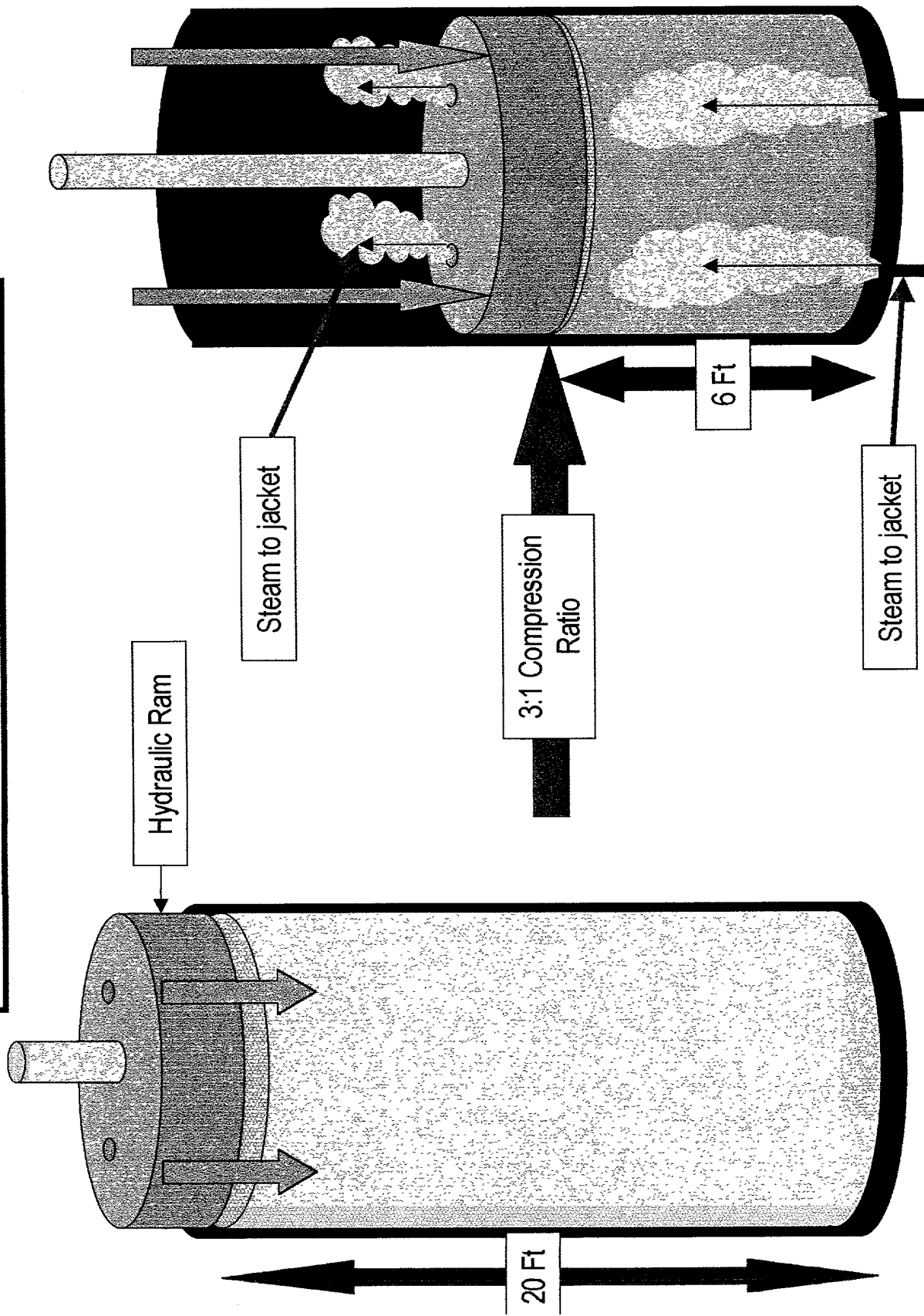


FIG. -29A-

FIG. -29B-

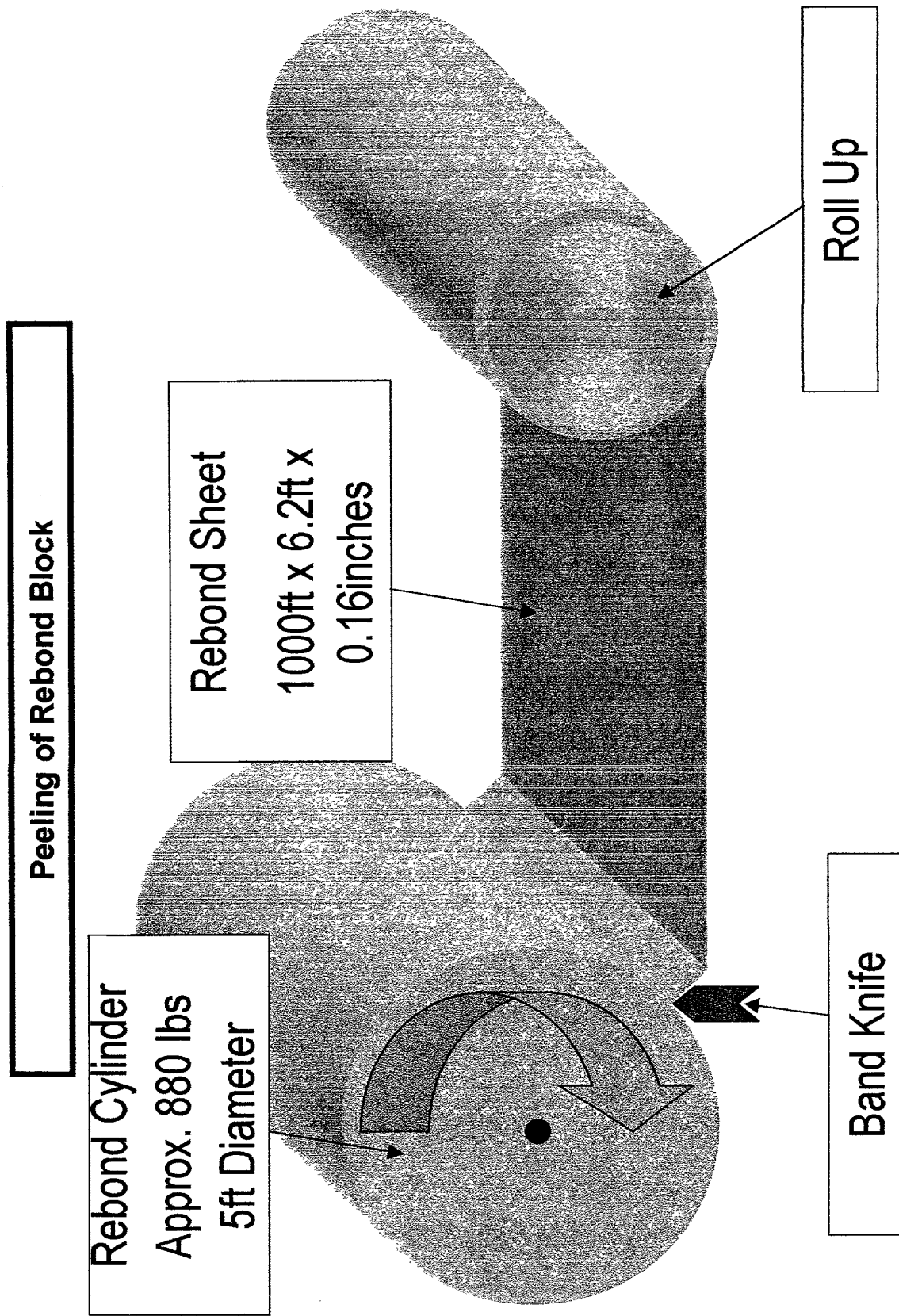


FIG. -30-

Flame Laminating (Felt, glass, foam) Schematic

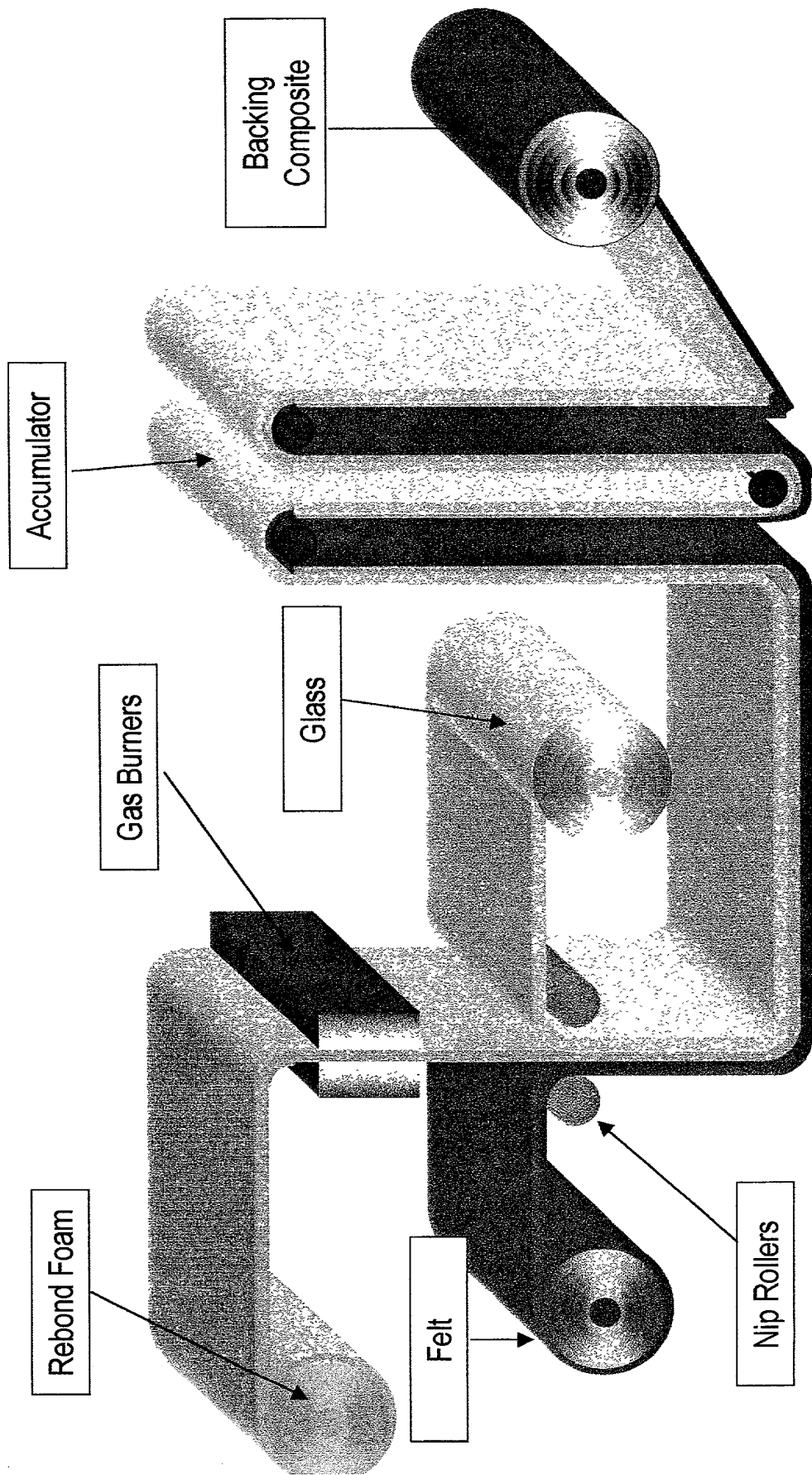


FIG. -31-

Hot Melt Application / Carpet Laminating Schematic

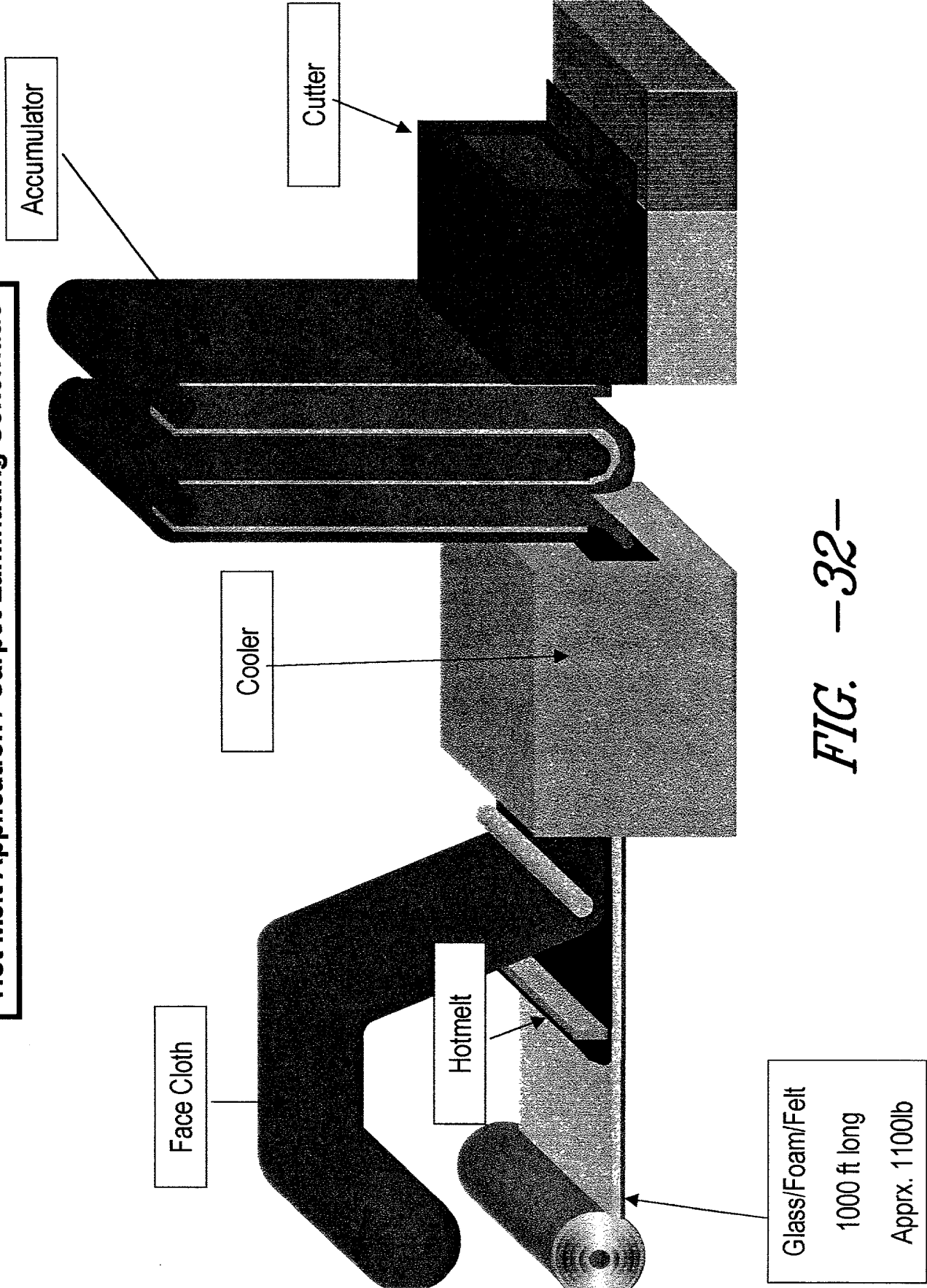
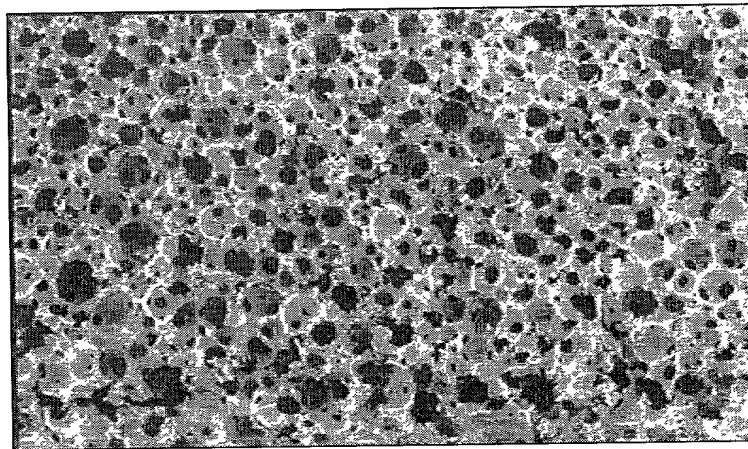
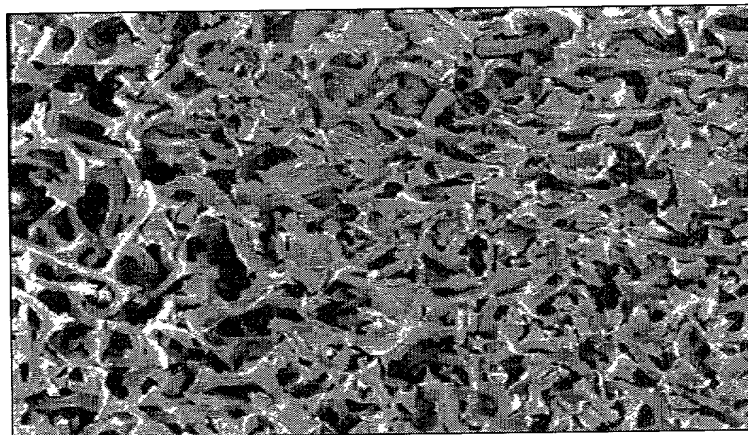


FIG. -32-



*FIG. -33-*



*FIG. -34-*



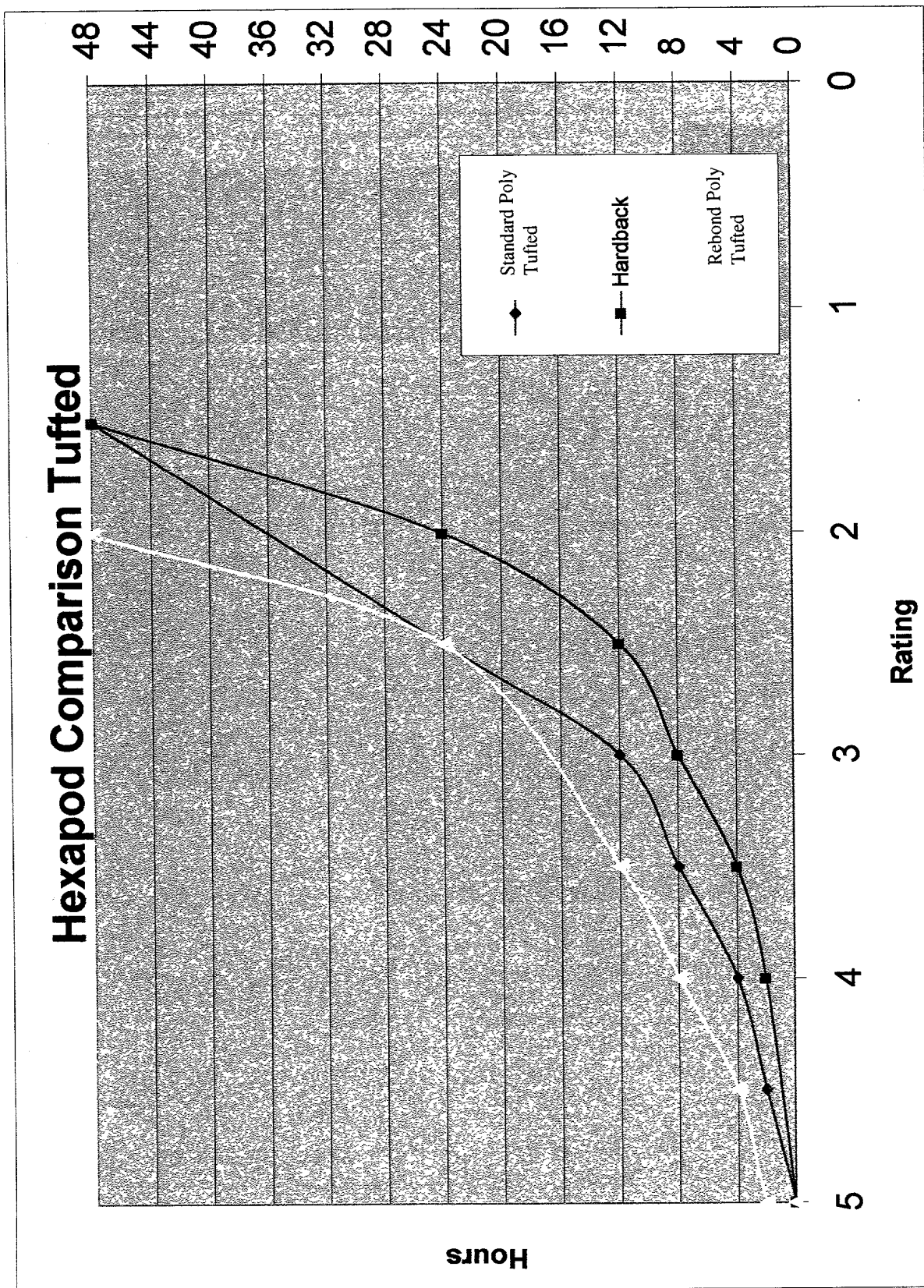


FIG. -35-



FIG. 36

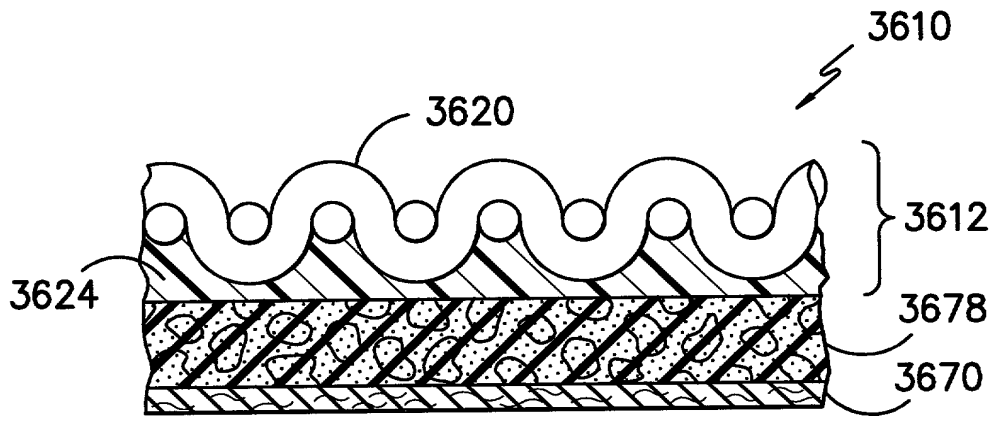


FIG. -36-

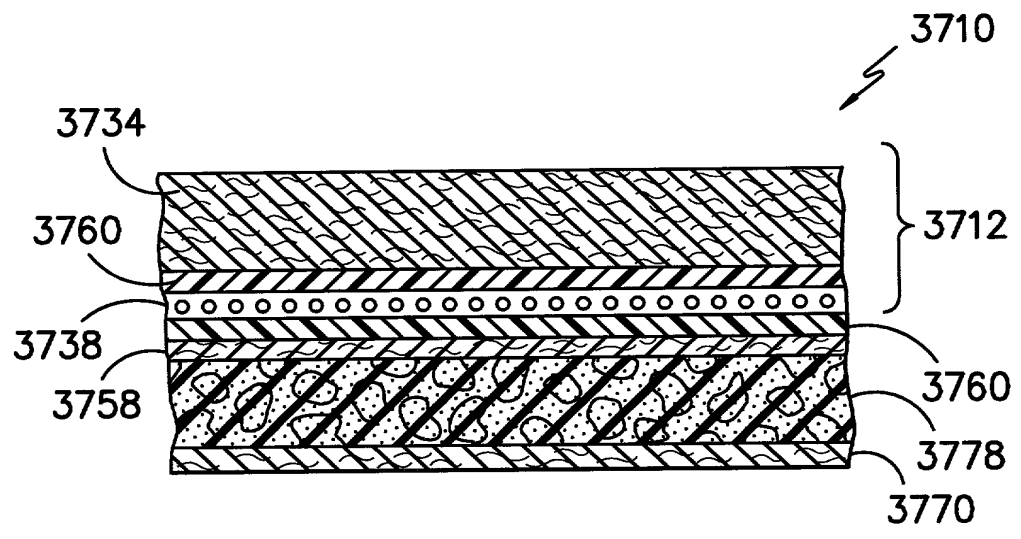


FIG. -37-

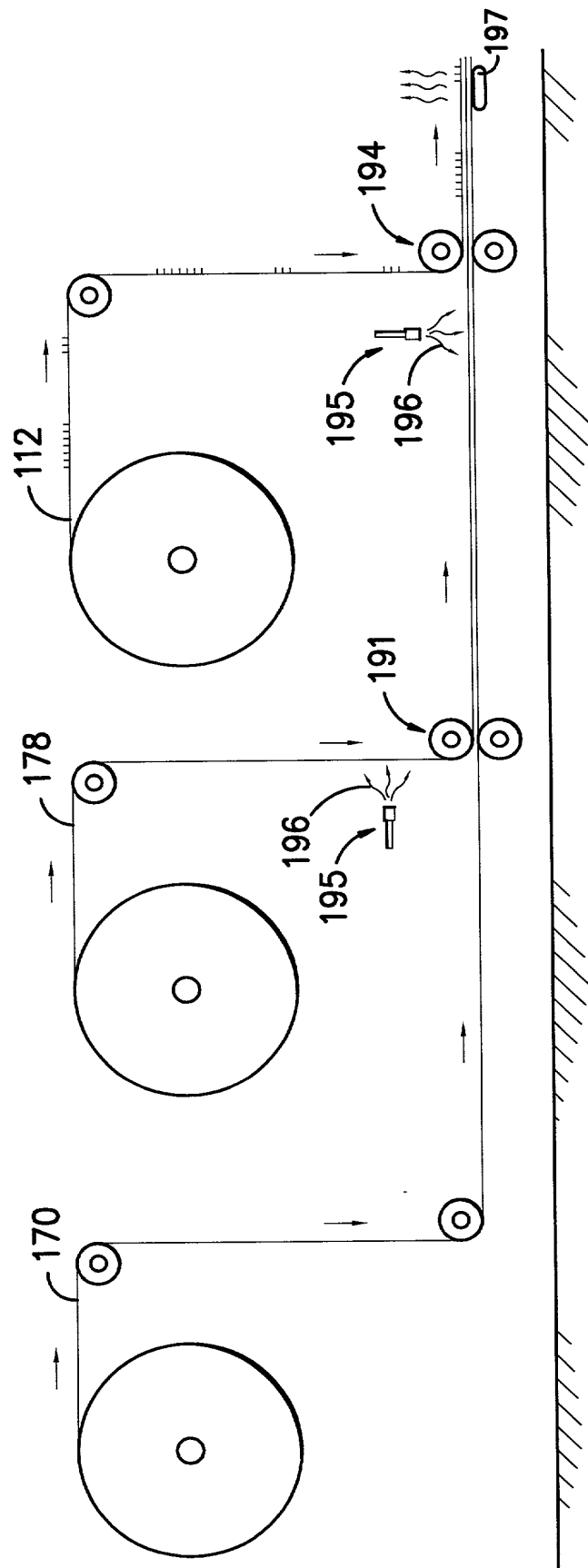


FIG. -38-

FIG. 39

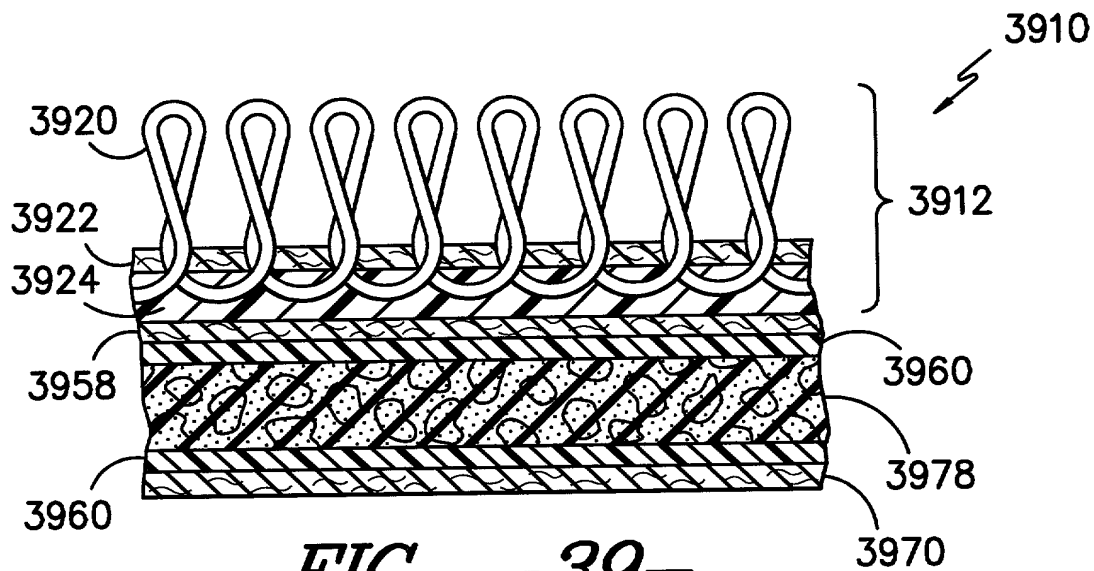


FIG. -39-

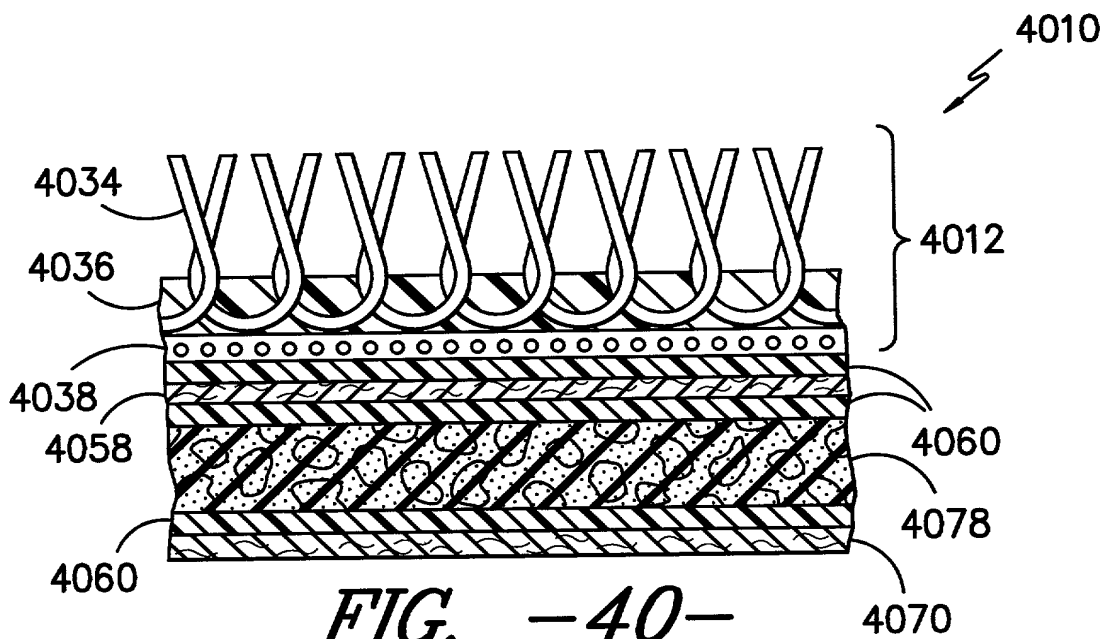


FIG. -40-